

HÄFELE

Lighting



12 V

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MONOCHROME LIGHTS

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NAVIGATING THE CATALOG

This catalog is designed to help you quickly find the lighting components that you are looking for. There is a Table of Contents page at the beginning of each section and color-coded banners, symbols and icons are used throughout the catalog to help you find what you need.

The LED strip and puck lights are separated by 12 V and 24V, and grouped into sections based on the LED type: Monochrome, Tunable White 2-wire and 3-wire and RGB.

12
V

24
V

12
V

24
V

Color tabs indicate 12 V or 24 V. Products used for both 12 V and 24 V have 2 color tabs.



MONOCHROME



TUNABLE WHITE
2-WIRE



2-wire



TUNABLE WHITE
3-WIRE



3-wire



RGB

These symbols indicate the LED type and component capacity.

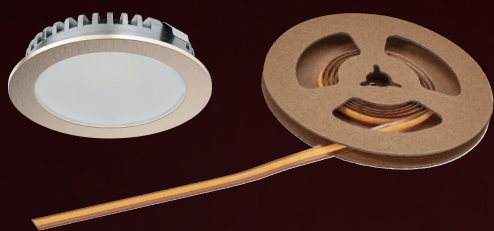
Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 480/m; 146/ft.

Key product information is prominently displayed on the top right of LED strip and puck pages.

CREATE YOUR LIGHTING SYSTEM

FOLLOW THIS SIMPLE STEP-BY-STEP GUIDE TO CREATING YOUR LIGHTING SYSTEM

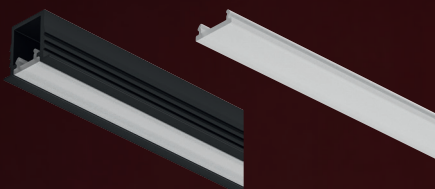
1



SELECT YOUR LIGHTS.

Häfele's wide range of LED strip and puck lights provide limitless possibilities when it comes to lighting your next project.

2



SELECT YOUR PROFILES AND DIFFUSERS.

Choose the recess or surface mounted profile that best complements your furniture or cabinetry.

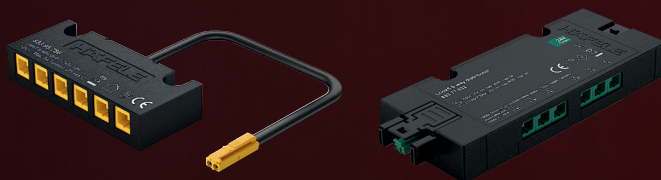
3



SWITCHES AND WIRELESS CONTROLS.

From occupancy sensors to wireless wall switches, Häfele offers a full range of lighting controls for any application.

4



ADD YOUR DISTRIBUTORS AND CABLES.

Häfele's modular plug and play system includes a broad assortment of distributors and cables to simplify design and installation.

5



NOW POWER UP.

Select the relevant driver and let the illumination journey begin.

HÄFELE

Lighting

ABOUT TEMPERATURE

Color temperature describes the appearance/color of a light source and is measured in degrees of Kelvin. The most popular color temperatures used in homes are 3000 K, warm white and 4000 K, cool white.



2700 K is a cozy, inviting warm lighting temperature best suited for use in homes – particularly the living room and bedroom lamps. 3000 K highlights the warmth of wood tones and better matches existing ambient lighting from incandescent bulbs. Various shades of white cabinetry pair best with 4000 K, which provides a crisp, invigorating cool-toned hue that is ideal for more modern applications.

If you are unsure which color temperature best suits your project, we have eliminated the guesswork with tunable white light. Tunable white can shift color temperature from 2700 K warm white to 5000 K daylight white, allowing you to choose on demand the desired color temperature for each lighting application.



Warm White 3000 K



Cool White 4000 K



Tunable White



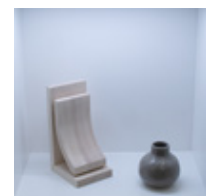
Warm White 2700 K



Soft White 3000 K



Cool White 4000 K



Daylight 5000 K

12 VOLTS OR 24 VOLTS?

When integrating lighting into your furniture or cabinetry, one of the first choices you will need to make is whether to use 12 V or 24 V lights and components. But how do you know which to choose?

First, it's important to emphasize that both options have many similarities and can work equally well for most small to mid-size installations. Most of our LED strip and puck lights are available in 12 V and 24 V, and both are similar in quality, price, light output and lifespan.



WHY CHOOSE 12 VOLTS?

The biggest advantage of 12 V is that the cut point increments for LED strips are typically half that of 24 V strips. Most 12 V LED strips have cut point increments of 25 mm (1"). Cut point increments for most 24 V LED strips is 50 mm (2"). The longer increments can potentially be significant for applications like light bars or cabinet interiors that have a fixed length. However, recent LED technology advances have resulted in shorter cut point increments for both 12 V and 24 V strips. The cut point increments for COB Gold monochrome are 8.5 mm (5/16") and 17 mm (21/32") for 12 V and 24 V respectively.

WHY CHOOSE 24 VOLTS?

24 V LED strips are better for larger installations and applications requiring longer runs due to lower voltage drop. Voltage drop is the gradual decrease in voltage along the length of the LED strip that results in a decrease in light output. The max. visual length – the length the LED strip can run before there is a perceptible reduction in light output – for 24 V LED strips is generally around twice the max. visual length of a comparable 12 V strip.

Another advantage is the maximum LED Driver size for 24 V is 90 Watts vs. 60 Watts for 12 V.

WHAT'S NEW

HÄFELE

Lighting

COB

Our new **COB Gold** and **COB Complete** LED strip lights utilize Chip on Board (COB) technology – one of the latest developments in LED lighting. COB LED strip lights consist of multiple tightly-packed LED chips mounted directly onto the circuit board and covered by a uniform strip of phosphor-infused silicone. The chemical composition of the phosphor is controlled to produce specific color temperatures.

COB technology allows for a more uniform light output, resulting in a reduction of hot spots in direct view and on reflected surfaces.

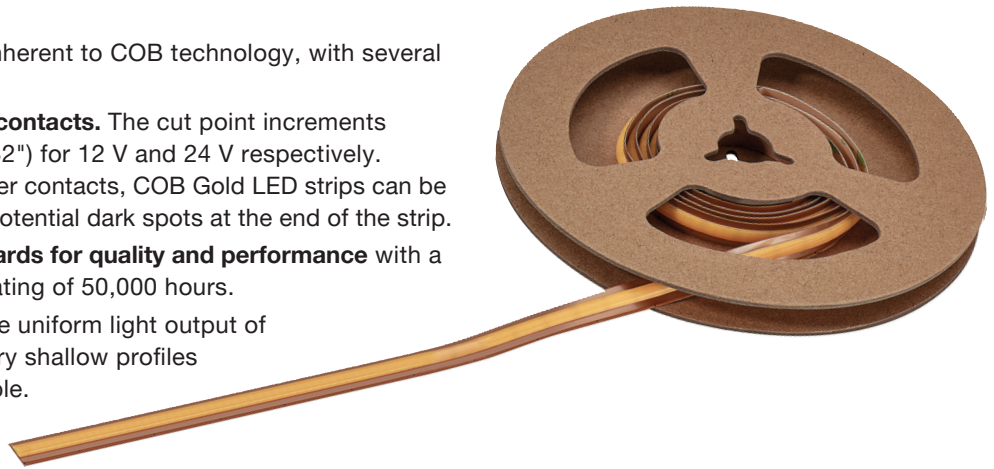
COB GOLD

COB Gold delivers all the benefits inherent to COB technology, with several additional advantages:

Shorter cut points and continuous contacts. The cut point increments are 8.5 mm (5/16") and 17 mm (21/32") for 12 V and 24 V respectively. Combined with the continuous copper contacts, COB Gold LED strips can be shortened to exact lengths without potential dark spots at the end of the strip.

Maintains or exceeds Häfele standards for quality and performance with a CRI greater than 90 and a lifetime rating of 50,000 hours.

Ability to use shallower profiles. The uniform light output of COB Gold allows it to be used in very shallow profiles without individual diodes being visible.



COB COMPLETE

COB Complete provides ultimate flexibility in a “complete” package. The COB strip is encased in a silicone sleeve that eliminates the need for a profile or lens and can be recessed or surface mounted to nearly any surface using pre-attached 3M adhesive tape. COB Complete LED strips arrive with 2 meter leads soldered onto each end of the strip, allowing them to be divided into two ready-to-install sections. An IP67 rating allows for this strip to be used almost anywhere.

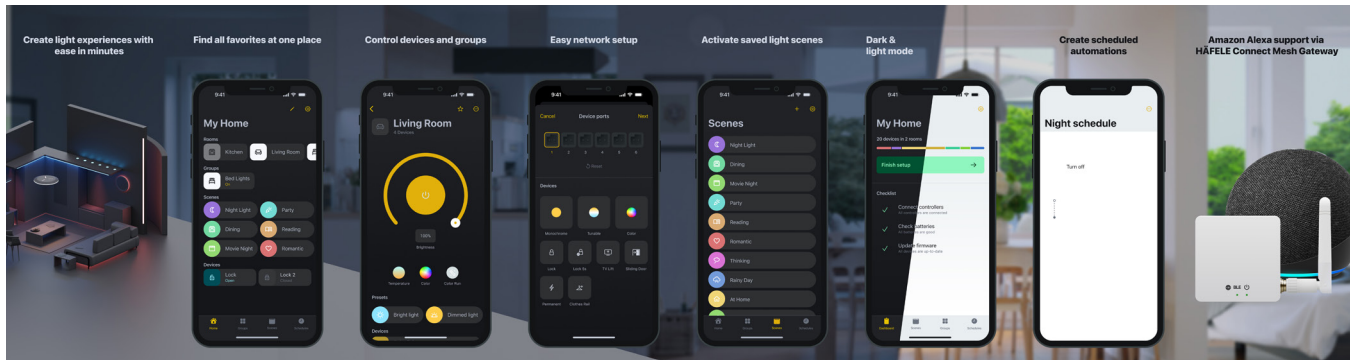


WHAT'S NEW



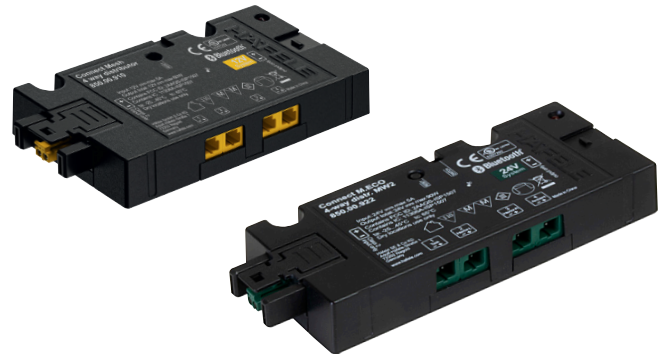
HÄFELE CONNECT MESH APP 2.0

The new Häfele Connect Mesh App 2.0 offers customers unparalleled options for configuring and customizing their wireless lighting. The app was designed with a modern, user-friendly interface with dark and light modes and includes new features such as automated control via scheduling.



EASYPAIRING

Häfele Connect Mesh wireless switches and remotes can be easily paired with Connect Mesh distributors without an app. Simply tap the reset button on a switch or remote, and it will begin the pairing process with nearby connect mesh devices.



Scan the QR Code for Häfele Connect Mesh App 2.0 and EasyPairing instructions and other resources.

HÄFELE

Lighting

WHAT'S NEW



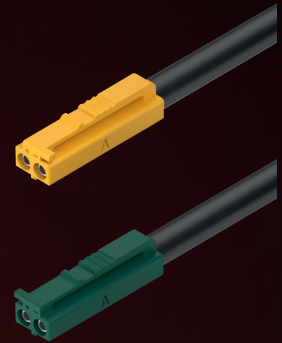
2-WIRE

TUNABLE WHITE 2-WIRE TECHNOLOGY

Traditional tunable white LED light strips have 3 contacts and require 3-wire cables. While this technology works well in most applications, the larger plugs necessitated by the 3-wire cables can sometimes present challenges when integrating lighting into cabinetry. The need for 3 contacts also presents unique challenges when combined with COB LED strips. To address these challenges, Häfele has developed an innovative new line of tunable white products that utilizes 2-wire technology. Tunable white 2-wire LED strip and puck lights offer the same flexibility for controlling color temperature, while using the same cables and connectors that are used with our monochrome LED strips and puck lights.



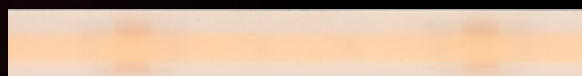
3-WIRE



In addition to eliminating the need for 3-wire cables and adapters, tunable white 2-wire technology has made it possible to develop tunable white options for COB Gold, COB Complete and our Adjustable Shelf Lighting system.



COB GOLD

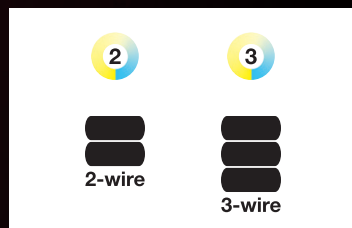


COB COMPLETE



ADJUSTABLE SHELF LIGHTING SYSTEM

2-WIRE OR 3-WIRE?



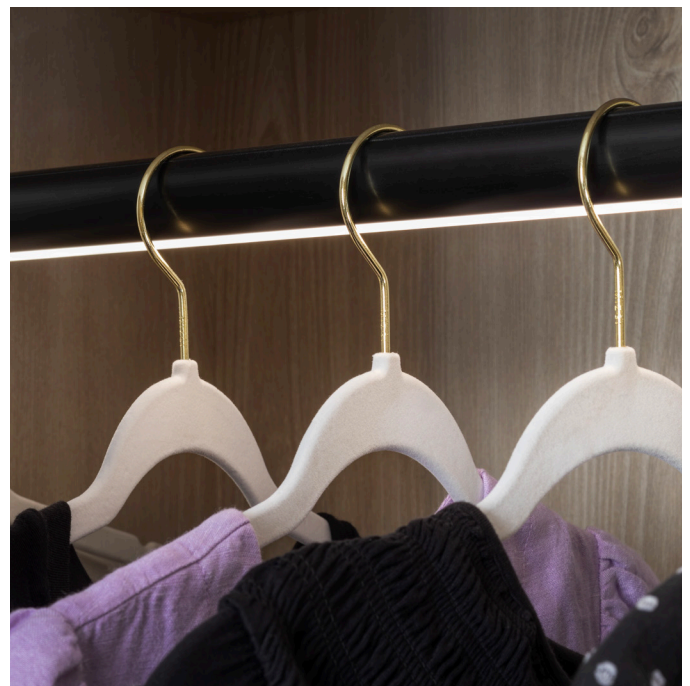
While tunable white 2-wire technology offers many advantages, tunable 3-wire lights are recommended when they will be controlled with a 3rd party whole home or smart home system. Any of Häfele's Bluetooth wireless switches or remotes can be used for controlling our tunable white 2-wire and 3-wire LED strip and puck lights. However, it is important when making product selections to choose Connect Mesh distributors that are compatible with your lights. The tunable white 2-wire and 3-wire products shown in this catalog are separated into distinct sections that include all the compatible controls and other components. 2-wire and 3-wire symbols are included on the pages to help simplify the selection process.

HÄFELE

Lighting

APPLICATIONS



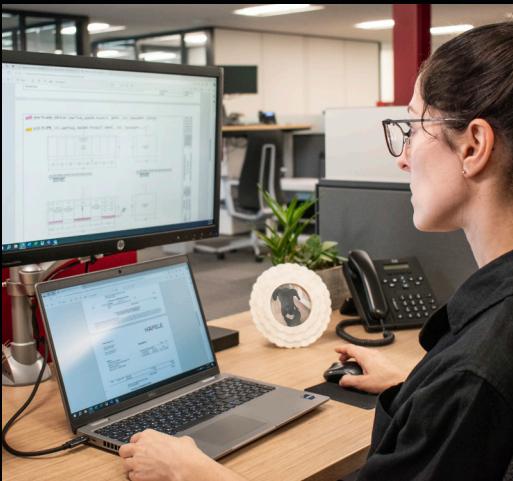
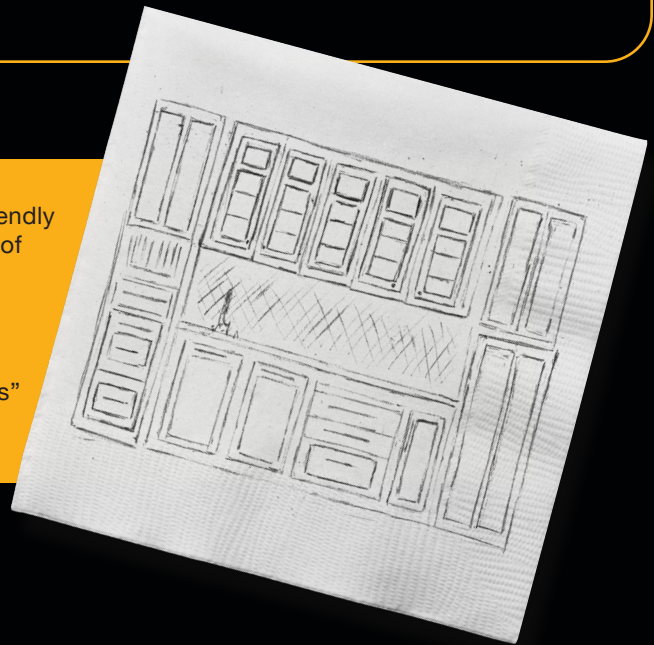


HÄFELE Lighting

DREAM.
DESIGN.
DELIVER.

We are on a journey to make Häfele Lighting the most designer-friendly system on the market today. If you're looking to add the elegance of lighting to your next project, our Lighting Design Services team is here to help.

Complete our online form and share a little bit about your project, such as the floor plan you're designing for – even "napkin sketches" are welcome!



Our team of Lighting Design Professionals will take it from there, creating your lighting layout with your choice of color temperature, accessories and desired aesthetic.

You approve, we deliver. Your customized lighting order will be shipped directly from our facility for installation.



Scan for
online form



PROJECT AND LIGHTING SERVICES

Call: 888.437.7477

Email: lighting@hafele.us



HÄFELE

Lighting

SERVICE⁺ AND LIGHT BARS

From kitchens and bathrooms to offices, living rooms, closets, hotels and beyond – Häfele Lighting was created to be the most designer- and installer-friendly system available in the industry. We aim to keep these expectations valid by offering a wide variety of custom-order lighting products to fit every project and every need.

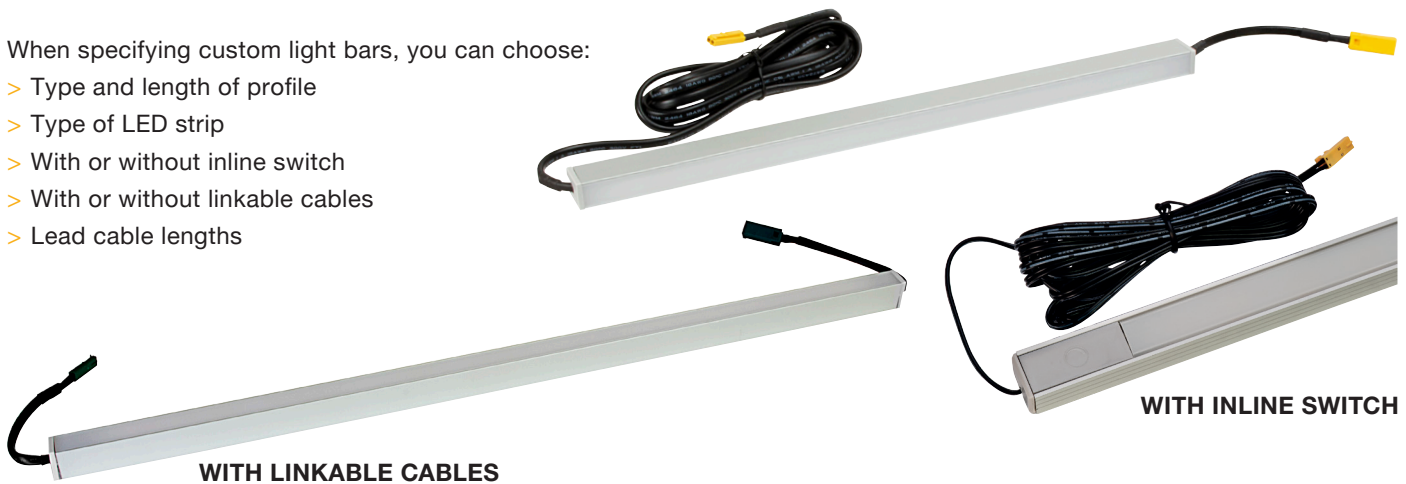
CUSTOM LIGHT BARS THROUGH SERVICE⁺

With Service⁺, customers can order light bars to their exact specifications. They will be shipped and ready to install typically in ten days or less.

When specifying custom light bars, you can choose:

- > Type and length of profile
- > Type of LED strip
- > With or without inline switch
- > With or without linkable cables
- > Lead cable lengths

Service⁺



**ALL ASSEMBLED LIGHT BARS OR FIXTURES
ARE QUALITY TESTED PRIOR TO PACKING
AND SHIPMENT TO THE CUSTOMER.**

READY TO PLACE YOUR ORDER?

Contact Häfele Project and
Lighting Services at:
Phone: 888.437.7477
Email: projects@hafele.us

NEW

ADJUSTABLE SHELF LIGHTING SYSTEM

12
V24
V

How it works

Bus bars

- > Specially designed brushed aluminum bus bars are inserted into narrow vertical channels, on the side panels of each cabinet or closet section
- > Thin bus bar design allows for two bus bars to be applied back-to-back in a single panel
- > Optional router bit made specifically for the bus bar channel is available

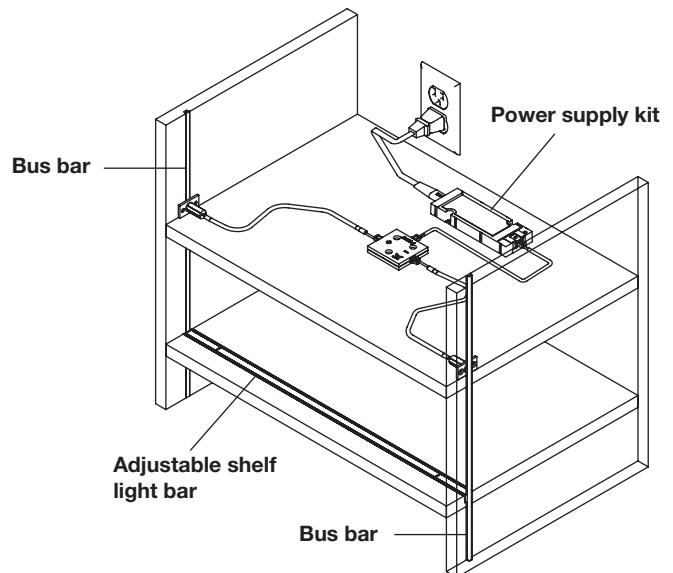
Power supply kit

- > Connects to a Loox driver to deliver a low voltage current to the bus bars
- > Easily installed either on the top or bottom of the cabinet

Adjustable shelf light bars

- > Built with spring loaded contact assembly transferring the current from the bus bar to the light bar, which is routed into the underside of the shelf
- > Customers can order standard or custom length light bars
- > Available in monochrome or tunable white 2-wire
- > Custom length light bars ship within 10 days from when the order is received

- > System allows lighting to be easily integrated into adjustable and fixed shelving in closets and cabinetry without complicated cable management
- > The height of adjustable shelves can easily be changed without concern of wiring connections
- > Engineered for efficient manufacturing and installation



Inverted view



Scan QR code for overview video
of the Adjustable Shelf Lighting system

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

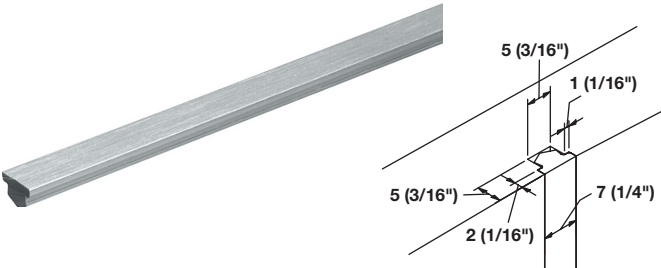
NEW

ADJUSTABLE SHELF LIGHTING SYSTEM

Bus bars for adjustable shelf light system

12
V

24
V



> Material/Color: Aluminum, brushed anodized

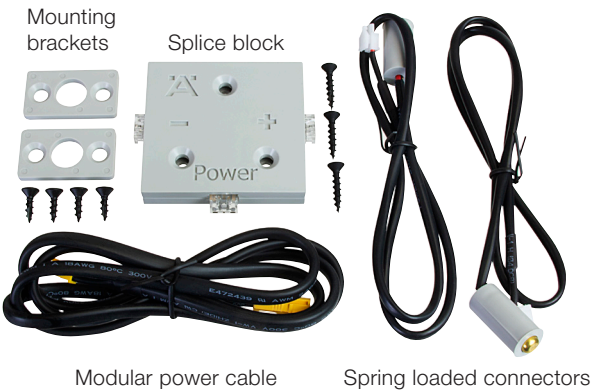
Length	Item No.	Packing
2337 (92")	833.74.996	20 pcs.
2337 (92")	833.74.620	4 pcs.
3000 (118 7/64")	833.74.621	4 pcs.

2 bus bars are needed for each adjustable shelf light bar.

Bus bar router bit

Description	Item No.
8 mm shank	001.25.920
1/4" shank	001.25.921

Power supply kit



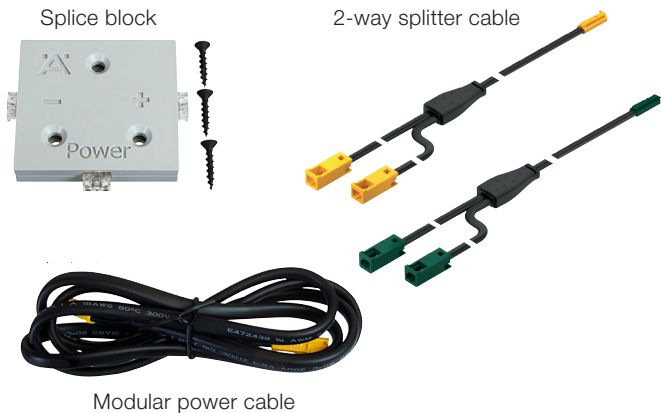
> Supplied with: 1 splice block with clips
2 spring loaded contact connectors with 500 mm (19 11/16") cable and modular clips
2 mounting brackets
1 modular power cable, 1 m (39 3/8")
Mounting screws

Voltage	Item No.
12 V	833.88.986
24 V	833.86.149

Note

For shelf sections wider than 914 mm (36"), add extension kit below. Please order drivers and controls separately.

Power supply extension kit



> Supplied with: 1 splice block with clips
1 12 V or 24 V modular power cable, 2 m (78 3/4")
1 12 V or 24 V 2-way splitter cable
Mounting screws

Voltage	Item No.
12 V	833.86.508
24 V	833.86.509

Note

Please order drivers and controls separately.

YOU MAY
ALSO NEED:

DRIVERS
pp. 284-291

SWITCHES
pp. 228-251

DISTRIBUTORS
pp. 254-259



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW



2-wire

ADJUSTABLE SHELF LIGHTING SYSTEM

12
V24
V

Adjustable shelf light bars - standard lengths



- > Delivered ready to install into routed shelf channel
- > No cables or leads required
- > Available in monochrome and tunable white 2-wire
- > Light bars are UL Certified
- > CRI 90 lights are Title 24 compliant
- > Lifetime: 50,000 hrs

LED family	Voltage V	Light intensity	Wattage W/m	Color Temperature (Kelvin)	Light bar length			
					457 (18")	610 (24")	762 (30")	914 (36")
LED 2065 Monochrome	12 V	Medium	4.8	3000 K	833.88.978	833.88.979	833.88.980	833.88.981
				4000 K	833.88.982	833.88.983	833.88.984	833.88.985
LED 2068 Monochrome	12 V	High	9.6	3000 K	833.88.970	833.88.971	833.88.972	833.88.973
				4000 K	833.88.974	833.88.975	833.88.976	833.88.977
LED 2075 Tunable white 2-wire	12 V	Medium	4.8	2700 K–5000 K	833.86.016	833.86.017	833.86.018	833.86.019
LED 2087 Tunable white 2-wire	12 V	High	9.6	2700 K–5000 K	833.86.020	833.86.021	833.86.022	833.86.023
LED 3042 Monochrome	24 V	Medium	4.8	3000 K	833.86.984	833.86.985	833.86.986	833.86.987
				4000 K	833.86.988	833.86.989	833.86.990	833.86.991
LED 3045 Monochrome	24 V	High	9.6	3000 K	833.86.976	833.86.977	833.86.978	833.86.979
				4000 K	833.86.980	833.86.981	833.86.982	833.86.983
LED 3078 Tunable white 2-wire	24 V	Medium	4.8	2700 K–5000 K	833.86.968	833.86.969	833.86.970	833.86.971
LED 3087 Tunable white 2-wire	24 V	High	9.6	2700 K–5000 K	833.86.972	833.86.973	833.86.974	833.86.975

Adjustable shelf light bars - custom lengths



Scan QR code to access online quote and order form for custom length adjustable shelf light bars

- > Customers can specify their desired light bar length, voltage, color temperature, and light intensity
- > Custom length light bars are delivered ready to install into your routed shelf channel
- > Light bars ship 10 days or less from when the order is received
- > All light bars are UL Certified, and quality tested prior to shipment

Specifying adjustable shelf light bar width:

- > Light bars lengths should match the exact width of the shelf
- > To ensure proper contact between the light bar plunger contacts and the bus bars, shelf widths should be no less than the interior width of the cabinet minus .79 mm (1/32").
- > **Example:** For a cabinet with interior width of 685.8 mm (27"), the shelf width should be no less than 685.01 mm (26 31/32").

Note

Suitable for use within closet storage spaces.

Requests for custom length adjustable shelf light bars can be made online or by contacting Häfele Project and Lighting Services at: Phone: 888.437.7477 | Email: projects@hafele.us

NEW

2

2-wire

24
V

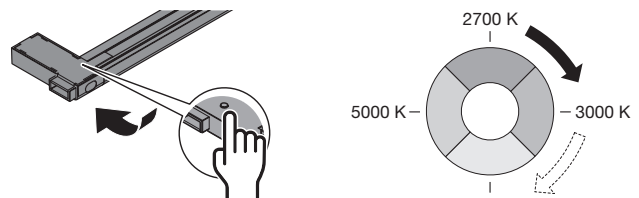
UNIVERSAL DRAWER LIGHT

INTEGRATED SENSOR AND PUSH BUTTON

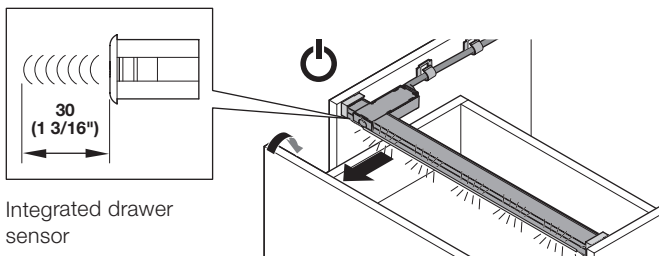
COLOR TEMPERATURE SELECTION



- > Thin 9 mm (3/8") profile attaches to cabinet side panels, a stretcher is not required
- > Downward and front-facing illumination ensures even, glare-free coverage of the entire drawer
- > Integrated sensor with soft on/off; light automatically turns off after 3 minutes if drawer is left open
- > Push button switch to select color temperature from four different settings (2700 K, 3000 K, 4000 K, 5000 K)
- > Uses COB Gold Tunable White LED strips with continuous contacts
- > Available in standard and custom lengths

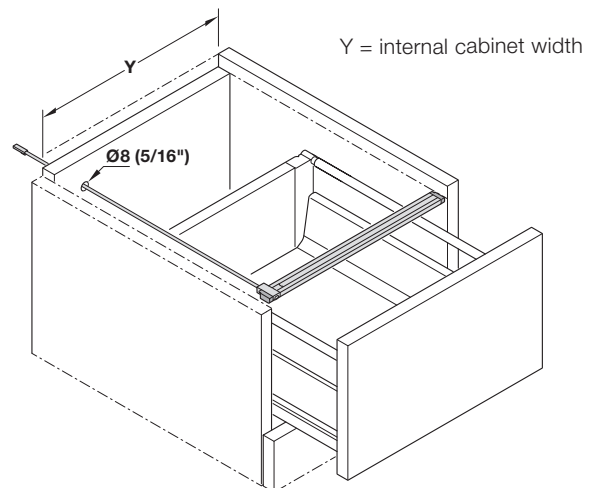


Push button to select color temperature



Integrated drawer sensor

Downward and front-facing illumination



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

UNIVERSAL DRAWER LIGHT

INTEGRATED SENSOR AND PUSH BUTTON

COLOR TEMPERATURE SELECTION

2

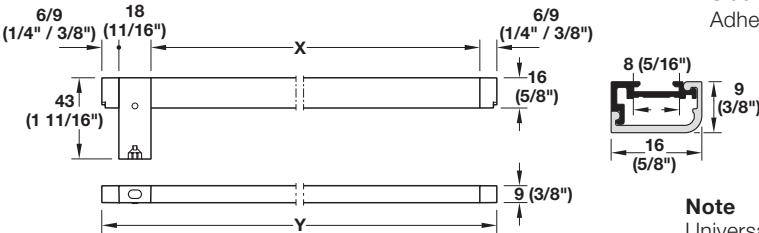
2-wire

24
V

Universal Drawer Light - standard lengths



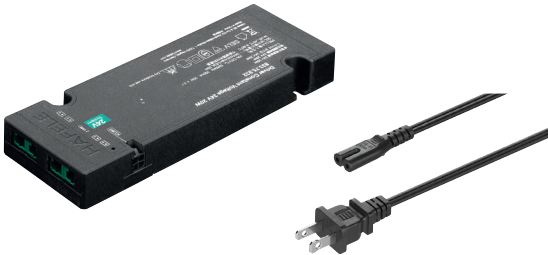
- > Delivered ready to install into standard width cabinets
- > Mounts to cabinet side walls
- > Supplied with standard COB Gold tunable white LED strips; push button to switch between 2700 K, 3000 K, 4000 K or 5000 K
- > Supplied with:
 - 24 V 18 AWG modular power lead 1 m (39 3/8")
 - Side mount brackets and screws
 - Adhesive cable management clips



X = profile length
Y = internal cabinet width

Note
Universal drawer lights should not be combined with Häfele Connect Mesh distributors.

LED family	Light intensity	Wattage	Color Temperature (Kelvin)	Drawer light length (for cabinet interior width)			
				457 (18")	610 (24")	762 (30")	914 (36")
2 LED 3106 Tunable white 2-wire	Medium	4.8/1.5	2700 K–5000 K	833.96.194	833.96.195	833.96.196	833.96.197
2 LED 3107 Tunable white 2-wire	High	9.6/3.0	2700 K–5000 K	833.96.198	833.96.199	833.96.200	833.96.201



Driver Selection Suggestions
The 20 W or 40 W 4-Port Series drivers are well suited for use with the Universal drawer light.

- > Each driver can support up to four drawer lights
- > Calculate total wattage of the drawer lights using W/ft or W/m to confirm the appropriate driver size

4-PORT SERIES DRIVERS

Output power W	Output current A	Standby power consumpt. W	L x W x H	Item No.
20	.83	≤0.10 W	138 x 50 x 16 (5 7/16" x 2" x 5/8")	833.75.932
40	1.67	≤0.10 W	190 x 60 x 16 (7 1/2" x 2 3/8" x 5/8")	833.75.934

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12 V

MONOCHROME LIGHTS



12 V MONOCHROME LIGHTS

Technical data pages 22–25

COB GOLD

LED 2103/2104 pages 26–27

Leads and connectors for 2103/2104 page 28

COB COMPLETE

LED 1200/1202 pages 29–30

8 MM STRIP LIGHTS

LED 2072 page 31

LED 2062 page 32

LED 2065 page 33

LED 2068 page 34

LED 2068 single color page 35

LED 2077 constant current page 36

Leads and connectors for
2062/2072/2065/2068/2077 page 37

5 MM STRIP LIGHTS

LED 2060 page 38

LED 2061 page 39

Leads and connectors for 2060/2061 page 40

SILICONE STRIP LIGHTS

LED 2099 flexible edge lit page 41

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PUCK LIGHTS

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Trim rings for 2025/2059 pages 46–47

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LED 2050/2051 page 56

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FLEXIBLE LIGHT

LED 2034 page 58

TOE KICK LIGHT

LED 2028 page 59

PRODUCT COMPARISON CHART

MONOCHROME LED STRIPS

	LEDs/m	Color temperature	Illuminance lx distance				Wattage	Luminous flux		
			250 mm (9 13/16")	500 mm (19 11/16")	750 mm (29 1/2")	1000 mm (39 3/8")		W/m	lm/m	
 COB Gold, 8 mm (5/16")										
LED 2103										
	480	2700	585	250	145	90	4.8	430	131	
		3000	615	255	155	90		465	142	
		4000	655	275	160	100		500	152	
		5000	680	290	165	105		460	140	
LED 2104										
	480	2700	1318	540	292	175	9.6	850	259	
		3000	1381	533	305	186		900	274	
		4000	1440	582	313	191		980	299	
		5000	1425	575	314	195		920	280	
 COB Complete, 10 mm (3/8"), silicone sleeve										
LED 1200										
	480	3000	630	252	135	82	3.0	258	79	
		4000	707	284	154	93		285	87	
LED 1202										
	480	3000	1908	777	422	277	10.0	820	250	
		4000	2024	827	451	281		900	274	
 Strip lights, 8 mm (5/16")										
LED 2072										
	120	2700	570	235	125	75	2.4	220	67	
		3000	585	240	130	80		230	70	
		4000	620	250	135	85		240	73	
		5000	620	250	135	85		240	73	
LED 2062										
	60	2700	1050	435	240	145	4.8	440	134	
		3000	1090	455	245	150		465	142	
		4000	1120	460	260	155		490	149	
		5000	1130	470	260	160		495	151	
LED 2065										
	120	2700	1050	435	240	145	4.8	440	134	
		3000	1090	455	245	150		465	142	
		4000	1120	460	260	155		490	149	
		5000	1130	470	260	160		495	151	



	Luminous efficacy	Coloring rendering index	Available length					Max. strip length (visual)	Max. strip length wattage- dependent on the driver (m)		
	lm/W	R _a /R ₉	2.2 m (86 5/8")	5 m (196 7/8")	6.0 m (236 1/4")	15 m (590 9/16")	50 m (1968 1/2")		20 W	40 W	60 W
Current carrying capacity of strip light: 5 A											
	90	>90/>50	-	833.74.500	-	-	833.74.505	3 m (118 1/8")	4.10	8.30	12.50
	97		-	833.74.501	-	-	833.74.506				
	104		-	833.74.502	-	-	833.74.507				
	96		-	833.74.503	-	-	833.74.508				
Current carrying capacity of strip light: 5 A											
	89	>90/>50	-	833.74.510	-	-	833.74.515	2.5 m (98 7/16")	2.00	4.10	6.20
	94		-	833.74.511	-	-	833.74.516				
	102		-	833.74.512	-	-	833.74.517				
	96		-	833.74.513	-	-	833.74.518				
Current carrying capacity of strip light: 5 A											
	86	>90/>50	833.02.185	-	833.02.187	-	-	5.5 m (216 1/2")	6.60	13.30	20.00
	95		833.02.195	-	833.02.197	-	-				
Current carrying capacity of strip light: 5 A											
	82	>90/>50	833.02.265	-	833.02.267	-	-	3.5 m (137 3/4")	2.00	4.00	6.00
	90		833.02.275	-	833.02.277	-	-				
Current carrying capacity of strip light: 5 A											
	92	>90/>50	-	833.74.400	-	-	833.74.404	7 m (275 9/16")	8.30	16.60	25.00
	96		-	833.74.401	-	-	833.74.405				
	100		-	833.74.402	-	-	833.74.406				
	100		-	833.74.403	-	-	833.74.407				
Current carrying capacity of strip light: 5 A											
	92	>90/>50	-	833.74.336	-	-	833.74.340	6 m (236 1/4")	4.10	8.30	12.50
	97		-	833.74.337	-	-	833.74.341				
	102		-	833.74.338	-	-	833.74.342				
	103		-	833.74.339	-	-	833.74.343				
Current carrying capacity of strip light: 5 A											
	92	>90/>50	-	833.74.354	-	-	833.74.358	6 m (236 1/4")	4.10	8.30	12.50
	97		-	833.74.355	-	-	833.74.359				
	102		-	833.74.356	-	-	833.74.360				
	103		-	833.74.357	-	-	833.74.361				

PRODUCT COMPARISON CHART

MONOCHROME LED STRIPS

	LEDs/m	Color temperature	Illuminance lx distance				Wattage	Luminous flux		
			250 mm (9 13/16")	500 mm (19 11/16")	750 mm (29 1/2")	1000 mm (39 3/8")		W/m	lm/m	
		K								
 Strip lights, 8 mm (5/16")										
LED 2068										
	120	2700	2145	900	480	300	9.6	920	280	
		3000	2250	940	505	310		970	296	
		4000	2300	950	510	320		1000	305	
		5000	2300	955	515	320		1040	317	
LED 2068 single color										
	120	blue	-	-	-	-	9.6	250	76	
		red	-	-	-	-		300	91	
		purple	-	-	-	-		545	166	
		green	-	-	-	-		1130	345	
		orange	-	-	-	-		170	52	
		yellow	-	-	-	-		180	55	
LED 2077 constant current										
	120	2700	1775	760	425	265	9.6	810	247	
		3000	1850	790	440	270		860	262	
		4000	1950	830	465	285		900	274	
		5000	1950	830	465	285		905	276	
 Strip lights, 5 mm (3/16")										
LED 2060										
	120	2700	940	400	220	135	4.8	440	134	
		3000	970	420	235	145		460	140	
		4000	1000	430	240	145		480	146	
		5000	1030	430	240	145		495	151	
LED 2061										
	120	2700	1860	790	440	270	9.6	870	265	
		3000	1960	850	470	290		830	283	
		4000	2000	860	480	290		955	291	
		5000	2060	860	480	290		990	302	
 Flexible edge lit strip lights, 4 x 10 mm (5/32" x 3/8"), silicone sleeve										
LED 2099										
	120	2700	820	190	85	50	9.6	500	152	
		3000	840	195	90	50		520	159	
		4000	845	205	100	55		540	165	
		5000	860	215	100	55		540	165	
 Silicone strip lights, 10 mm (3/8"), silicone sleeve										
LED 2063										
	60	2700	920	390	215	135	4.8	415	127	
		3000	960	410	225	140		440	134	
		4000	975	415	230	145		455	139	
		5000	1010	425	235	145		460	146	



12
V

	Luminous efficacy	Coloring rendering index	Available length				Max. strip length (visual)	Max. strip length wattage-dependent on the driver (m)		
	lm/W	R _a /R ₉	3 m (118 1/8")	5 m (196 7/8")	15 m (590 9/16")	50 m (1968 1/2")		20 W	40 W	60 W
Current carrying capacity of strip light: 5 A										
	96	>90/>50	-	833.74.362	-	833.74.366	4 m (157 1/2")	2.00	4.10	6.20
	101		-	833.74.363	-	833.74.367				
	104		-	833.74.364	-	833.74.368				
	108		-	833.74.365	-	833.74.369				
	26	>90/>50	-	833.74.460	-	-	4 m (157 1/2")	2.00	4.10	6.10
	31		-	833.74.461	-	-				
	56		-	833.74.462	-	-				
	117		-	833.74.463	-	-				
	17		-	833.74.464	-	-				
	18		-	833.74.465	-	-				
	84	>90/>50	-	833.74.372	-	833.74.376	6.2 m (244 1/8")	2.00	4.10	6.20
	90		-	833.74.373	-	833.74.377				
	94		-	833.74.374	-	833.74.378				
	94		-	833.74.375	-	833.74.379				
Current carrying capacity of strip light: 3.5 A										
	92	>90/>50	-	833.74.320	833.74.324	-	4 m (157 1/2")	4.10	8.30	8.70
	96		-	833.74.321	833.74.325	-				
	100		-	833.74.322	833.74.326	-				
	103		-	833.74.323	833.74.327	-				
	91	>90/>50	-	833.74.328	833.74.332	-	3 m (118 1/8")	2.00	4.10	4.30
	97		-	833.74.329	833.74.333	-				
	99		-	833.74.330	833.74.334	-				
	103		-	833.74.331	833.74.335	-				
Current carrying capacity of strip light: 5 A										
	52	>90/>50	833.74.260	-	-	-	3 m (118 1/8")	2.00	4.10	6.20
	54		833.74.261	-	-	-				
	56		833.74.262	-	-	-				
	56		833.74.263	-	-	-				
Current carrying capacity of strip light: 5 A										
	86	>90/>50	-	833.74.344	833.74.348	-	6 m (236 1/4")	4.10	8.30	12.50
	92		-	833.74.345	833.74.349	-				
	95		-	833.74.346	833.74.350	-				
	96		-	833.74.347	833.74.351	-				

NEW



12
V

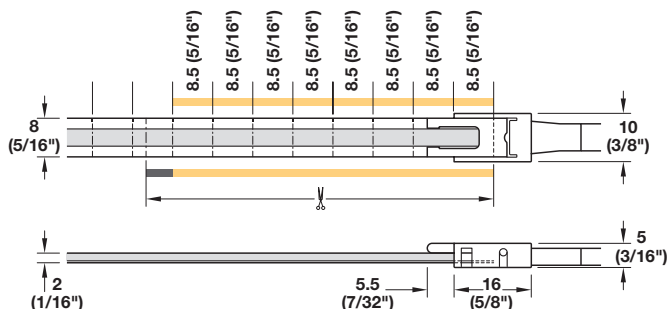
LED 2103 COB GOLD

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 480/m; 146/ft.

Monochrome, 8 mm (5/16")



- > Uniform light output; LED dots are not visible
- > Enables the use of shallow profiles



8.5 mm (5/16") cut points and continuous contacts allow LED strip to be shortened at exact desired lengths.

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 2 mm (1/16")
- > Material: Plastic
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	150°	
585 lx	615 lx	655 lx	680 lx		250 mm (9 13/16")
250 lx	255 lx	275 lx	290 lx		500 mm (19 11/16")
145 lx	155 lx	160 lx	165 lx		750 mm (29 1/2")
90 lx	90 lx	100 lx	105 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	430	131	90	833.74.500	833.74.505
3000	465	142	97	833.74.501	833.74.506
4000	500	152	104	833.74.502	833.74.507
5000	460	140	96	833.74.503	833.74.508

Max. strip length (visual): 3 m (118 1/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

LEADS
p. 28

PROFILES
pp. 202–225

DRIVERS
pp. 284–291

SWITCHES
pp. 228–251

DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.



NEW

LED 2104

COB GOLD

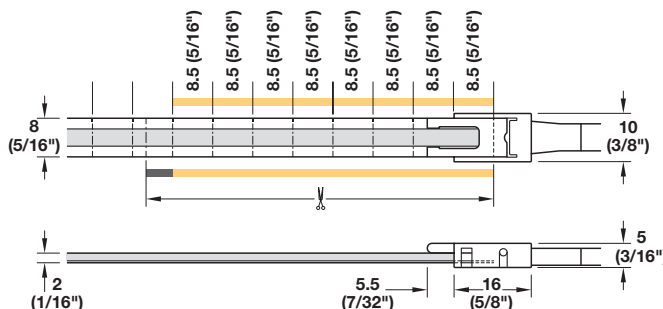
High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 480/m; 146/ft.

12
V

Monochrome, 8 mm (5/16")



- > Uniform light output; LED dots are not visible
- > Enables the use of shallow profiles



8.5 mm (5/16") cut points and continuous contacts allow LED strip to be shortened at exact desired lengths.

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 2 mm (1/16")
- > Material: Plastic
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	150°	
1318 lx	1381 lx	1440 lx	1425 lx		250 mm (9 13/16")
540 lx	533 lx	582 lx	575 lx		500 mm (19 11/16")
292 lx	305 lx	313 lx	314 lx		750 mm (29 1/2")
175 lx	186 lx	191 lx	195 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	850	259	89	833.74.510	833.74.515
3000	900	274	94	833.74.511	833.74.516
4000	980	299	102	833.74.512	833.74.517
5000	920	280	96	833.74.513	833.74.518

Max. strip length (visual): 2.5 m (98 7/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

LEADS
p. 28

PROFILES
pp. 202–225

DRIVERS
pp. 284–291

SWITCHES
pp. 228–251

DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.



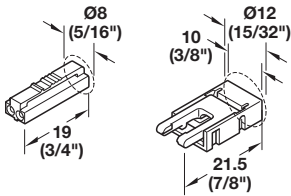
NEW



12
V

LED 2103/2104

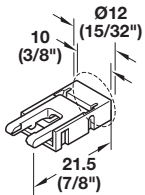
Leads and connectors for COB Gold, 8 mm (5/16")



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.74.694
500 mm (19 11/16")	833.74.695
2 m (78 3/4")	833.74.696

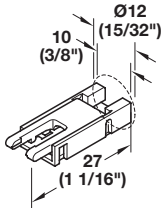
For use with 12 V COB Gold strip lights. Can also be used with 12 V COB Complete remnant pieces.



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.75.765
2 m (78 3/4")	833.75.766

For use with 12 V or 24 V COB Gold strip lights. Can also be used with COB Complete remnant pieces.



- > 5 A clip connector
- > Supplied with: 10 pcs.

Item No.
833.75.767

For use with 12 V or 24 V COB Gold strip lights. Can also be used with COB Complete remnant pieces.



- > Corner connector, 90°
- > Voltage: 12 V or 24 V
- > Width: 17 mm (11/16")
- > Length: 17 mm (11/16")
- > Clip width: 10 mm (3/8")
- > Supplied with: 10 pcs.

Item No.
833.89.318

For use with 8 mm (5/16") COB monochrome and COB tunable white 2-wire LED strip lights. Can also be used with COB Complete remnant pieces.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW



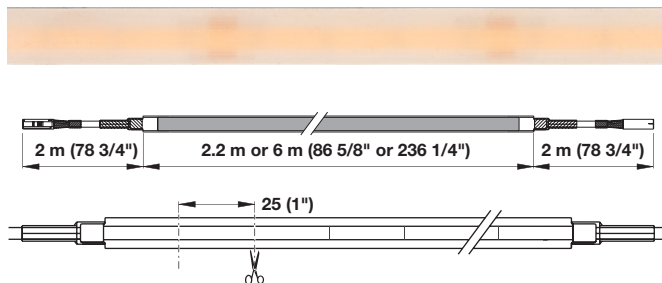
LED 1200

COB COMPLETE

Medium intensity
Wattage: 3 W/m; 0.9 W/ft.
Diodes: 480/m; 145/ft.

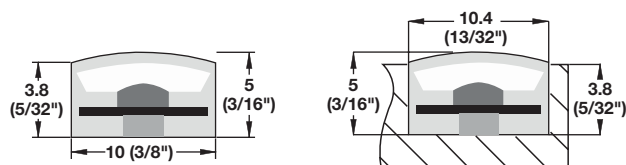
12
V

Monochrome, 10 mm (3/8")



> Can be shortened every 25 mm (1")

A 2 m (78 3/4") lead cable (5 A/18 AWG) is soldered on each end of the roll. Strip can be divided into 2 sections. Remnant sections can be used when combined with COB Gold leads. See page 28.



Recommended routing dimensions:

10.4 x 3.8 mm (13/32" x 5/32"). Leaves a 1.2 mm crown when installed. Silicone compresses when shelf is pushed against it.

Note

To maintain IP67 protection, use silicone end caps, 833.89.184. Please order separately, see page 43.

- > Encased in a silicone sleeve eliminating the need for a profile
- > Surface mounted or recessed
- > Each strip is supplied with leads pre-attached to each end
- > IP67 rating allows for this strip to be used almost anywhere

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP67 when used with silicone end caps
- > Lifetime: >40,000 h
- > Width: 10 mm (3/8")
- > Height: 5 mm (3/16")
- > Material/Color: Silicone, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll with 2 m (78 3/4") lead attached on both ends

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

3000 K	4000 K	120°		
630 lx	707 lx		250 mm (9 13/16")	
252 lx	284 lx		500 mm (19 11/16")	
135 lx	154 lx		750 mm (29 1/2")	
82 lx	93 lx		1000 mm (39 3/8")	

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		2.2 m (86 5/8")	6 m (236 1/4")
3000	258	79	86	833.02.185	833.02.187
4000	285	87	95	833.02.195	833.02.197

Max. strip length (visual): 5.5 m (216 17/32")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note

Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:



NEW

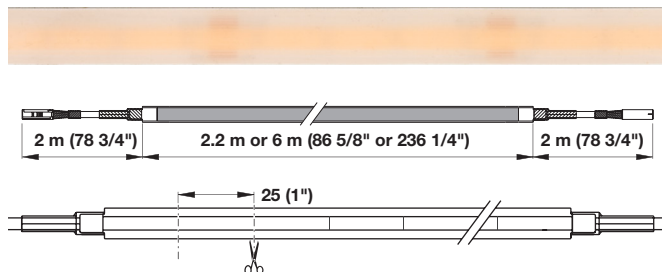


12
V

LED 1202 COB COMPLETE

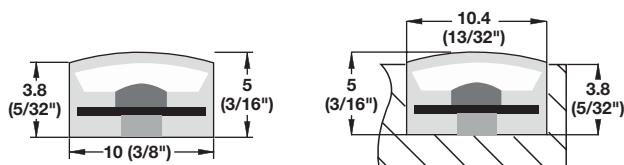
High intensity
Wattage: 10 W/m; 3 W/ft.
Diodes: 480/m; 145/ft.

Monochrome, 10 mm (3/8")



> Can be shortened every 25 mm (1")

A 2 m (78 3/4") lead cable (5 A/18 AWG) is soldered on each end of the roll. Strip can be divided into 2 sections. Remnant sections can be used when combined with COB Gold leads. See page 28.



Recommended routing dimensions:

10.4 x 3.8 mm (13/32" x 5/32"). Leaves a 1.2 mm crown when installed. Silicone compresses when shelf is pushed against it.

Note

To maintain IP67 protection, use silicone end caps, 833.89.184. Please order separately, see page 43.

- > Encased in a silicone sleeve eliminating the need for a profile
- > Surface mounted or recessed
- > Each strip is supplied with leads pre-attached to each end
- > IP67 rating allows for this strip to be used almost anywhere

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP67 when used with silicone end caps
- > Lifetime: >40,000 h
- > Width: 10 mm (3/8")
- > Height: 5 mm (3/16")
- > Material/Color: Silicone, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll with 2 m (78 3/4") lead attached on both ends

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

3000 K	4000 K	120°		
1908 lx	2024 lx		250 mm	(9 13/16")
777 lx	827 lx		500 mm	(19 11/16")
422 lx	451 lx		750 mm	(29 1/2")
277 lx	281 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		2.2 m (86 5/8")	6 m (236 1/4")
3000	820	250	82	833.02.265	833.02.267
4000	900	274	90	833.02.275	833.02.277

Max. strip length (visual): 3.5 m (137 3/4")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note

Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:



DRIVERS
pp. 284-291



SWITCHES
pp. 228-251



DISTRIBUTORS
pp. 254-259



IP67



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

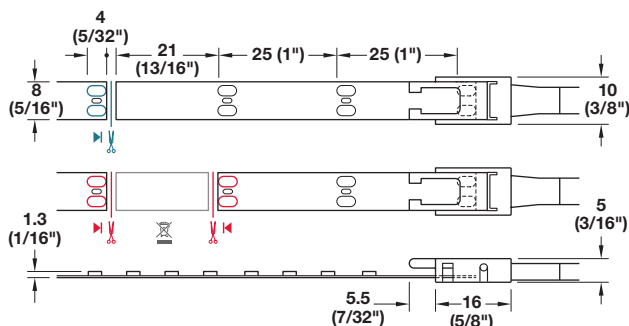


LED 2072

Low intensity
Wattage: 2.4 W/m; 0.75 W/ft.
Diodes: 120/m; 36/ft.

12
V

Monochrome, 8 mm (5/16")



> Ideal for lighting cabinet interiors, drawers and other small spaces

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >30,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°		
570 lx	585 lx	620 lx	620 lx		250 mm	(9 13/16")
235 lx	240 lx	250 lx	250 lx		500 mm	(19 11/16")
125 lx	130 lx	135 lx	135 lx		750 mm	(29 1/2")
75 lx	80 lx	85 lx	85 lx		1000 mm	(39 3/8")

- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 25 mm (1")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	220	67	92	833.74.400	833.74.404
3000	230	70	96	833.74.401	833.74.405
4000	240	73	100	833.74.402	833.74.406
5000	240	73	100	833.74.403	833.74.407

Max. strip length (visual): 7 m (275 9/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

LEADS
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PROFILES
pp. 202–225

DRIVERS
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SWITCHES
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12
V

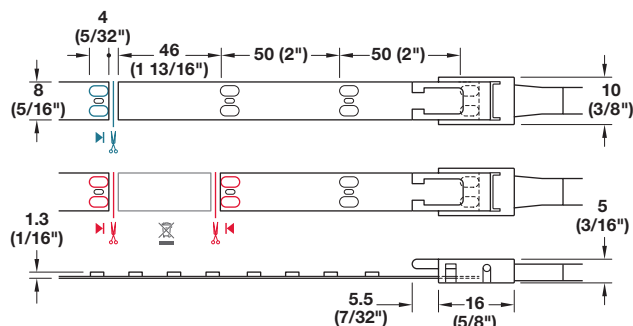
LED 2062

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 60/m; 18/ft.

Monochrome, 8 mm (5/16")



> Ideal for cabinet interior and ambient lighting applications



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
1050 lx	1090 lx	1120 lx	1130 lx		250 mm (9 13/16")
435 lx	455 lx	460 lx	470 lx		500 mm (19 11/16")
240 lx	245 lx	260 lx	260 lx		750 mm (29 1/2")
145 lx	150 lx	155 lx	160 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	440	134	92	833.74.336	833.74.340
3000	465	142	97	833.74.337	833.74.341
4000	490	149	102	833.74.338	833.74.342
5000	495	151	103	833.74.339	833.74.343

Max. strip length (visual): 6 m (236 1/4")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
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PROFILES
pp. 202–225



DRIVERS
pp. 284–291



SWITCHES
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DISTRIBUTORS
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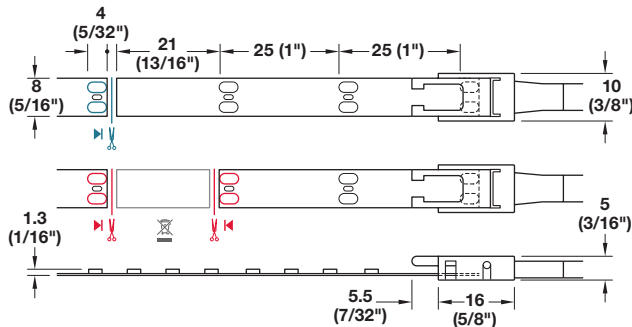


LED 2065

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 120/m; 36/ft.

12
V

Monochrome, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 25 mm (1")

> Ideal for cabinet interior and ambient lighting applications

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
1050 lx	1090 lx	1120 lx	1130 lx		250 mm (9 13/16")
435 lx	455 lx	460 lx	470 lx		500 mm (19 11/16")
240 lx	245 lx	260 lx	260 lx		750 mm (29 1/2")
145 lx	150 lx	155 lx	160 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	440	134	92	833.74.354	833.74.358
3000	465	142	97	833.74.355	833.74.359
4000	490	149	102	833.74.356	833.74.360
5000	495	151	103	833.74.357	833.74.361

Max. strip length (visual): 6 m (236 1/4")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
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PROFILES
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DRIVERS
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SWITCHES
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DISTRIBUTORS
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Note
Suitable for use within
closet storage spaces
when utilized with profile
and lens.

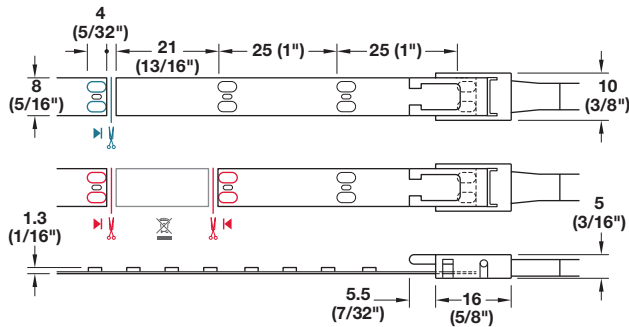


12
V

LED 2068

High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 120/m; 36/ft.

Monochrome, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 25 mm (1")

> Ideal for undercabinet and task lighting applications

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
2145 lx	2250 lx	2300 lx	2300 lx	☀	250 mm (9 13/16")
900 lx	940 lx	950 lx	955 lx	☀	500 mm (19 11/16")
480 lx	505 lx	510 lx	515 lx	☀	750 mm (29 1/2")
300 lx	310 lx	320 lx	320 lx	☀	1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	920	280	96	833.74.362	833.74.366
3000	970	296	101	833.74.363	833.74.367
4000	1000	305	104	833.74.364	833.74.368
5000	1040	317	108	833.74.365	833.74.369

Max. strip length (visual): 4 m (157 1/2")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

✓ **LEADS**
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✓ **PROFILES**
pp. 202–225

✓ **DRIVERS**
pp. 284–291

✓ **SWITCHES**
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✓ **DISTRIBUTORS**
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.



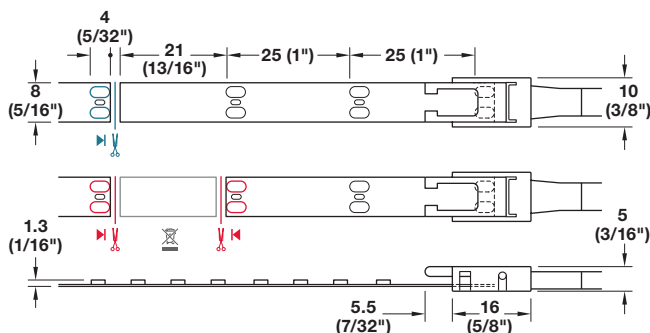


LED 2068

Medium intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 120/m; 36/ft.

12
V

Single color, 8 mm (5/16")



— Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)

— Connect LED strip lights
(two contact sides required)

> Can be shortened every 25 mm (1")

> Available in 6 colors

- > Degree of protection: IP20
- > Lifetime: 50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Self-adhesive with aluminum profile or cooling strip
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Light color	Luminous flux		Luminous efficacy lm/W	Length 5 m (196 7/8")
blue	250	76	26	833.74.460
red	300	91	31	833.74.461
purple	545	166	56	833.74.462
green	1130	345	117	833.74.463
orange	170	52	17	833.74.464
yellow	180	55	18	833.74.465

Max. strip length (visual): 4.0 m (157 1/2")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note
Suitable for use within closet storage spaces when utilized with profile and lens.

YOU MAY
ALSO NEED:

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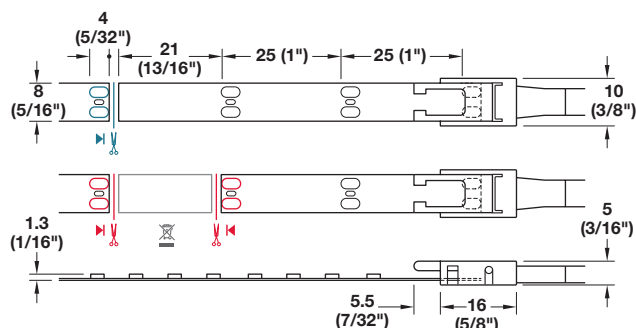


12
V

LED 2077 CONSTANT CURRENT

High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 120/m; 36/ft.

Monochrome, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 25 mm (1")

Constant current technology

- > Achieves uniform brightness over the entire strip light length
- > Increased lifetime, higher visual strip length

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >70,000 h
- > Width: 8 mm (5/16")
- > Height: 1.5 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
1775 lx	1850 lx	1950 lx	1950 lx		250 mm (9 13/16")
760 lx	790 lx	830 lx	830 lx		500 mm (19 11/16")
425 lx	440 lx	465 lx	465 lx		750 mm (29 1/2")
265 lx	270 lx	285 lx	285 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	810	247	84	833.74.372	833.74.376
3000	860	262	90	833.74.373	833.74.377
4000	900	274	94	833.74.374	833.74.378
5000	905	276	94	833.74.375	833.74.379

Max. strip length (visual): 6.2 m (244 1/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
p. 37



PROFILES
pp. 202–225



DRIVERS
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SWITCHES
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DISTRIBUTORS
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Note
Suitable for use within closet storage spaces when utilized with profile and lens.

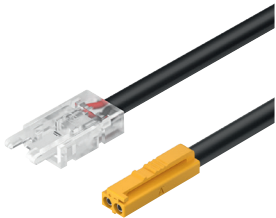




12
V

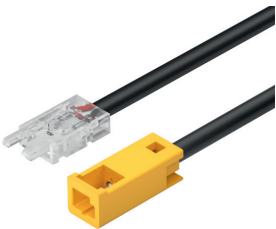
LED 2062/2072/2065/2068/2077

Leads and connectors for LED strip lights, 8 mm (5/16")



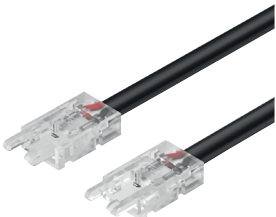
- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.93.736
500 mm (19 11/16")	833.95.701
2 m (78 3/4")	833.95.700



- > 5 A/18 AWG lead with female socket and clip
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.93.746



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
50 mm (2")	833.89.191
500 mm (19 11/16")	833.89.192
2 m (78 3/4")	833.89.193

For use with 8 mm (5/16") 12 V or 24 V strip lights



- > 5 A clip connector
- > Supplied with: 10 pcs.

Item No.
833.89.206

For use with 8 mm (5/16") 12 V or 24 V strip lights



- > 5 A corner connector, 90° rigid, left or right
- > Supplied with: 10 pcs.

Item No.
833.89.187

For use with 8 mm (5/16") 12 V or 24 V strip lights

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

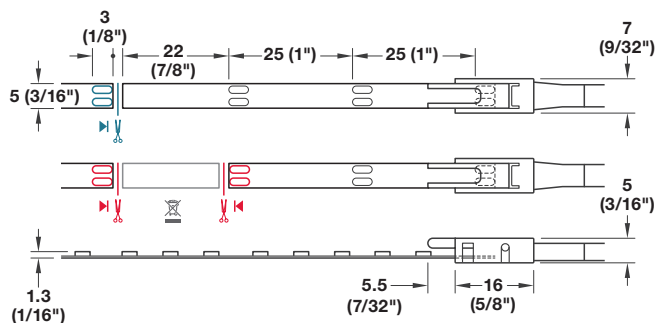


12
V

LED 2060

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 120/m; 36/ft.

Monochrome, 5 mm (3/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 25 mm (1")

> Extra narrow LED strip
> Ideal for cabinet interior and ambient lighting applications

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: 50,000 h
- > Width: 5 mm (3/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
940 lx	970 lx	1000 lx	1030 lx		250 mm (9 13/16")
400 lx	420 lx	430 lx	430 lx		500 mm (19 11/16")
220 lx	235 lx	240 lx	240 lx		750 mm (29 1/2")
135 lx	145 lx	145 lx	145 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	15 m (590 9/16")*
2700	440	134	92	833.74.320	833.74.324
3000	460	140	96	833.74.321	833.74.325
4000	480	146	100	833.74.322	833.74.326
5000	495	151	103	833.74.323	833.74.327

Max. strip length (visual): 4 m (157 1/2")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
p. 40



PROFILES
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DRIVERS
pp. 284–291



SWITCHES
pp. 228–251



DISTRIBUTORS
pp. 254–259

Note
Suitable for use within
closet storage spaces
when utilized with profile
and lens.





LED 2061

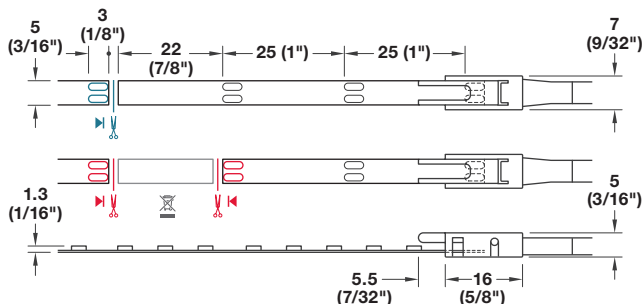
High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 120/m; 36/ft.

**12
V**

Monochrome, 5 mm (3/16")



- > Extra narrow LED strip
- > Ideal for undercabinet and task lighting applications



- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: 50,000 h
- > Width: 5 mm (3/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 25 mm (1")

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
1860 lx	1960 lx	2000 lx	2060 lx		250 mm (9 13/16")
790 lx	850 lx	860 lx	860 lx		500 mm (19 11/16")
440 lx	470 lx	480 lx	480 lx		750 mm (29 1/2")
270 lx	290 lx	290 lx	290 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	15 m (590 9/16")*
2700	870	265	91	833.74.328	833.74.332
3000	930	283	97	833.74.329	833.74.333
4000	955	291	99	833.74.330	833.74.334
5000	990	302	103	833.74.331	833.74.335

Max. strip length (visual): 3 m (118 1/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

LEADS
p. 40

PROFILES
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SWITCHES
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DISTRIBUTORS
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Note
Suitable for use within closet storage spaces when utilized with profile and lens.





12
V

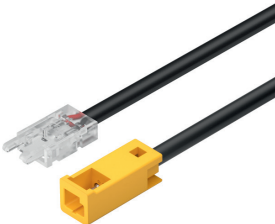
LED 2060/2061

Leads and connectors for LED strip lights, 5 mm (3/16")



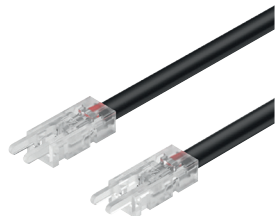
- > 3.5 A/20 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.93.740
2 m (78 3/4")	833.95.705



- > 3.5 A/20 AWG lead with female socket and clip
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.93.744



- > 3.5 A/20 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.89.194
500 mm (19 11/16")	833.89.195
2 m (78 3/4")	833.89.196

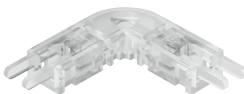
For use with 5 mm (3/16") 12 V or 24 V strip lights



- > 3.5 A clip connector
- > Supplied with: 10 pcs.

Item No.
833.89.207

For use with 5 mm (3/16") 12 V or 24 V strip lights



- > 3.5 A corner connector, 90° rigid, left or right
- > Supplied with: 10 pcs.

Item No.
833.89.190

For use with 5 mm (3/16") 12 V or 24 V strip lights

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



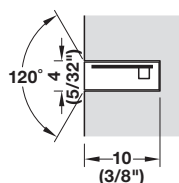
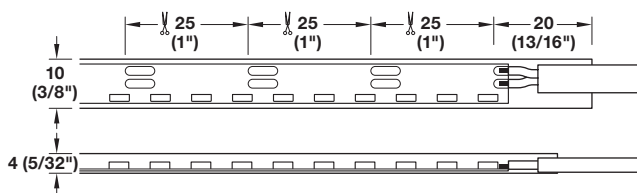
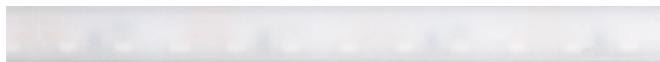
LED 2099

FLEXIBLE EDGE LIT SILICONE

Medium intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 120/m; 36/ft.

12
V

Monochrome, 4 x 10 mm (5/32" x 3/8"), silicone sleeve



> A 200 mm (8") lead cable (3.5 A / 20 AWG) is soldered on each end of the roll.
Strip can be divided into two sections.

- > The light emits from the edge of the ribbon, LED dots are not visible
- > Mounts flush with the panel
- > Flexible silicone allows for curved applications (radius min. 30 mm (1 3/16"))
- > For recessed installation in a 4 mm (3/16") wide x 10 mm (3/8") deep channel

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP44
- > Lifetime: >50,000 h
- > Width: Strip: 8 mm (5/16")
Silicone sleeve: 10 mm (3/8")
- > Height: Silicone sleeve: 4 mm (5/32")
- > Routing D x W: 10 x 4 mm (3/8" x 5/32")
- > Radius min.: 30 mm (1 3/16")
- > Material/Finish: Silicone, matt white
- > Mounting: Self-adhesive
- > Supplied with: 1 LED strip with 200 mm (8") leads

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

2700 K	3000 K	4000 K	5000 K	120°	
820 lx	840 lx	845 lx	860 lx		250 mm (9 13/16")
190 lx	195 lx	205 lx	215 lx		500 mm (19 11/16")
85 lx	90 lx	100 lx	100 lx		750 mm (29 1/2")
50 lx	50 lx	55 lx	55 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux lm/m	lm/ft.	Luminous efficacy lm/W	Length 3 m (118 1/8")
2700	500	152	52	833.74.260
3000	520	159	54	833.74.261
4000	540	165	56	833.74.262
5000	540	165	56	833.74.263

Max. strip length (visual): 3 m (118 1/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

YOU MAY
ALSO NEED:

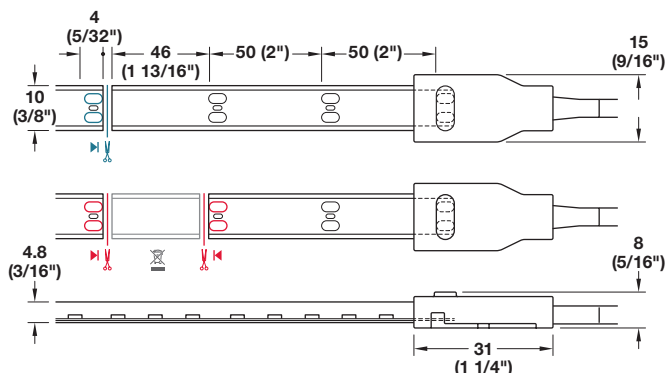


12
V

LED 2063 SILICONE

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 60/m; 18/ft.

Monochrome, 10 mm (3/8"), silicone sleeve



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

- > Encased in silicone; a profile is not required
- > Ideal for damp locations such as bathrooms and around kitchen sinks

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP44 with IP44 lead and end caps
- > Lifetime: >50,000 h
- > Width: Strip: 8 mm (5/16")
Silicone sleeve: 10 mm (3/8")
- > Height: Strip: 1.3 mm (1/16")
Silicone sleeve: 4.8 mm (3/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
920 lx	960 lx	975 lx	1010 lx		250 mm (9 13/16")
390 lx	410 lx	415 lx	425 lx		500 mm (19 11/16")
215 lx	225 lx	230 lx	235 lx		750 mm (29 1/2")
135 lx	140 lx	145 lx	145 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	15 m (590 9/16")*
2700	415	127	86	833.74.344	833.74.348
3000	440	134	92	833.74.345	833.74.349
4000	455	139	95	833.74.346	833.74.350
5000	460	146	96	833.74.347	833.74.351

Max. strip length (visual): 6 m (236 1/4")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

Note

To maintain IP44 protection, use silicone end caps 833.89.184. Please order separately, see page 43.

YOU MAY
ALSO NEED:



LEADS
p. 43



SWITCHES
pp. 228–251



DRIVERS
pp. 284–291



DISTRIBUTORS
pp. 254–259





LED 2063

SILICONE

12
V

Leads and connectors for LED strip lights, 10 mm (3/8")

Degree of protection

IP44 - Indicates the degree of protection against solid objects larger than 1 mm and splashing water from all directions. While not fully waterproof, IP44 rated strips work well in areas such as bathrooms and around kitchen sinks.

IP44 leads, connectors and end caps

For bathrooms and other applications that require protection from splashes and damp conditions, use the following leads and end caps.



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug/clip cover

Length	Item No.
2 m (78 3/4")	833.95.703



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip/clip covers

Length	Item No.
50 mm (2")	833.89.203
500 mm (19 11/16")	833.89.204
2 m (78 3/4")	833.89.205



- > Silicone stripping tool

Item No.
006.13.485



- > End cap set with adhesive
- > For sealing the shortened silicone sleeve; achieves degree of protection IP44
- > Supplied with: 5 pcs. with 5 ml adhesive

Item No.
833.89.184

IP20 leads and connectors

For dry indoor locations, the leads below can be used. Silicone end caps are not required when LED strips are installed in dry locations.



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.93.736
500 mm (19 11/16")	833.95.701
2 m (78 3/4")	833.95.700



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.89.191
500 mm (19 11/16")	833.89.192
2 m (78 3/4")	833.89.193



- > 5 A/18 AWG lead with female socket and clip
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.93.746



- > 5 A clip connector
- > Supplied with: 10 pcs.

Item No.
833.89.206



- > 5 A corner connector, 90° rigid, left or right
- > Supplied with: 10 pcs.

Item No.
833.89.187



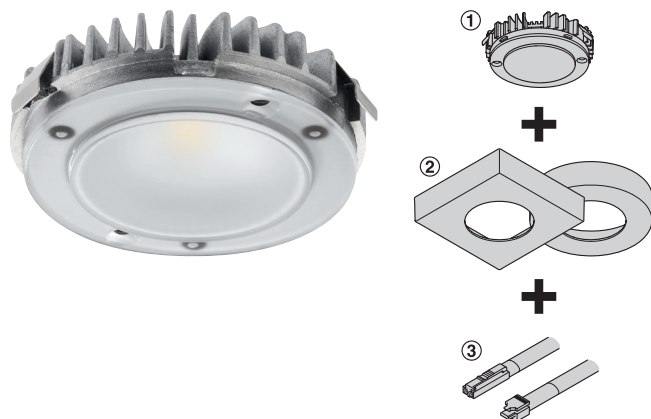
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12
V

LED 2025

High intensity
Wattage: 3.8 W
Diodes: 1

Modular, drill hole Ø: 58 mm (2 5/16")



- > Can be recess or surface mounted
- > Customize appearance with broad selection of trim rings

- > Color rendering index: R_a : >90, 5000 K R_a : >83
- > Degree of protection: IP44 recess mounted
IP20 surface mounted
- > Material: Aluminum
- > Supplied with: 1 light

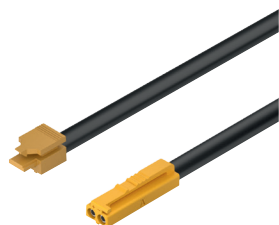
Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
2700	270	71	833.72.350
3000	300	78	833.72.351
4000	306	80	833.72.352
5000	345	90	833.72.323

Note

Order lead and trim ring separately.

2700 K	3000 K	4000 K	5000 K	80°		
2600 lx	2650 lx	2700 lx	2800 lx		250 mm	(9 13/16")
730 lx	750 lx	780 lx	800 lx		500 mm	(19 11/16")
320 lx	350 lx	345 lx	350 lx		750 mm	(29 1/2")
180 lx	185 lx	185 lx	190 lx		1000 mm	(39 3/8")

Leads for modular puck lights



- > 1.5 A/24 AWG, with snap-in connector

Length	Item No.
1 m (39 3/8")	833.95.789
2 m (78 3/4")	833.95.788

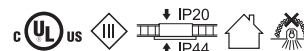
YOU MAY
ALSO NEED:

TRIM RINGS
pp. 46–47

SWITCHES
pp. 228–251

DRIVERS
pp. 284–291

DISTRIBUTORS
pp. 254–259



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

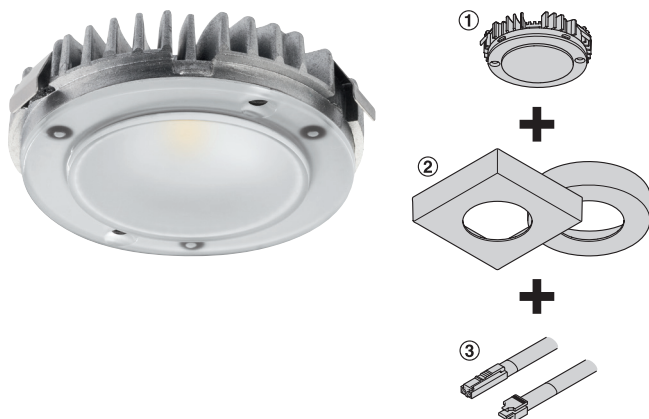


LED 2059

Medium intensity
Wattage: 1.8 W
Diodes: 6

12
V

Modular, drill hole Ø: 58 mm (2 5/16")



- > Can be recess or surface mounted
- > Customize appearance with broad selection of trim rings

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >55
- > Degree of protection: IP44 recess mounted
IP20 surface mounted
- > Material: Aluminum
- > Supplied with: 1 light

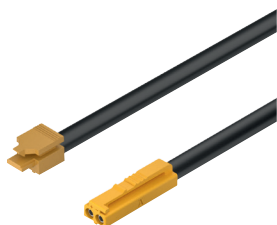
Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
2700 K	205	114	833.72.455
3000 K	215	119	833.72.456
4000 K	220	122	833.72.457
5000 K	225	125	833.72.458

Note

Order lead and trim ring separately.

2700 K	3000 K	4000 K	5000 K	80°		
1575 lx	1676 lx	1686 lx	1670 lx		250 mm	(9 13/16")
380 lx	423 lx	431 lx	434 lx		500 mm	(19 11/16")
172 lx	190 lx	195 lx	194 lx		750 mm	(29 1/2")
99 lx	104 lx	108 lx	107 lx		1000 mm	(39 3/8")

Leads for modular puck lights



- > 1.5 A/24 AWG, with snap-in connector

Length	Item No.
1 m (39 3/8")	833.95.789
2 m (78 3/4")	833.95.788

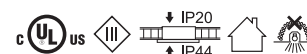
Note

Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:
 TRIM RINGS
pp. 46–47

 SWITCHES
pp. 228–251

 DRIVERS
pp. 284–291

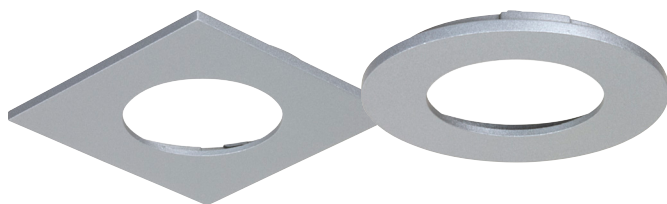
 DISTRIBUTORS
pp. 254–259


12
V

MODULAR PUCK TRIM RINGS

LED 2025/2059

Metal recess mount trim ring, drill hole: Ø58 mm (2 5/16")

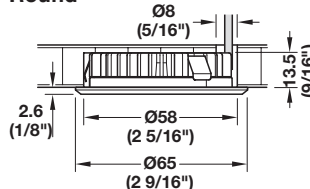


- > IP44 degree of protection
- > Material: Steel

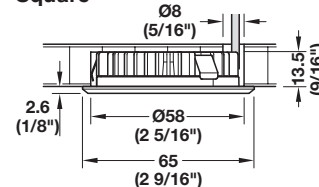
Color	Round	Square
silver colored	833.72.500	833.72.506
black	833.72.501	833.72.507
white	833.72.502	833.72.508
polished chrome colored	833.72.503	833.72.509
brass colored	833.72.504	833.72.510
copper colored	833.72.505	833.72.511



Round



Square



Plastic recess mount trim ring, drill hole: Ø58 mm (2 5/16")

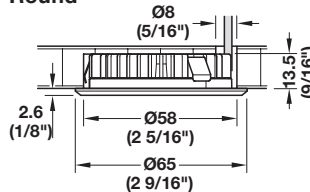


- > IP44 degree of protection
- > Material: Plastic

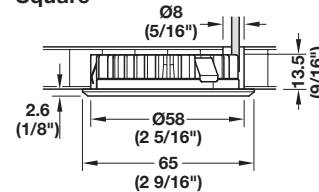
Color	Round	Square
black	833.72.168	833.72.172
anthracite	833.72.380	833.72.383
brown	833.72.381	833.72.384
matt nickel-plated	833.72.170	833.72.174
stainless steel colored	833.72.382	833.72.385
silver colored	833.72.126	833.72.127
white, RAL 9003	833.72.171	833.72.175



Round



Square



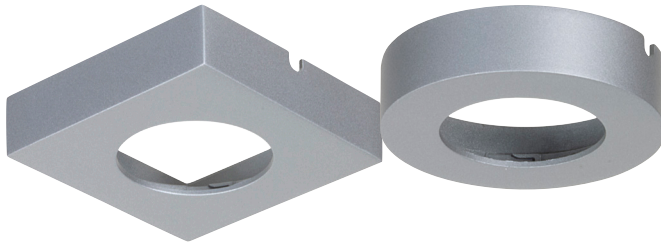
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

MODULAR PUCK TRIM RINGS

LED 2025/2059

12
V

Metal surface mount trim ring



- > IP20 degree of protection
- > Material: Steel

Color	Round	Square
silver colored	833.72.512	833.72.518
black	833.72.513	833.72.519
white	833.72.514	833.72.520
polished chrome colored	833.72.515	833.72.521
brass colored	833.72.516	833.72.522
copper colored	833.72.517	833.72.523

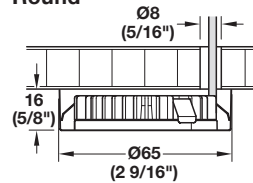


Black

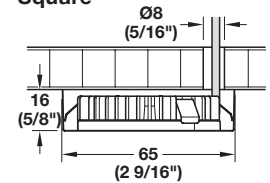
White

Polished
chromeBrass
coloredCopper
coloredSilver
colored

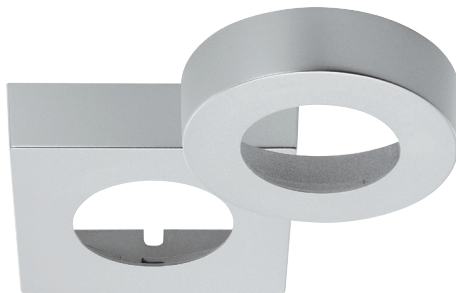
Round



Square

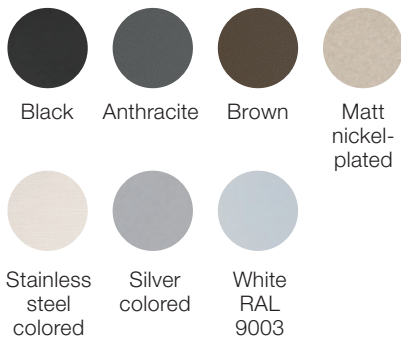


Plastic surface mount trim ring



- > IP20 degree of protection
- > Material: Plastic

Color	Round	Square
black	833.72.160	833.72.164
anthracite	833.72.193	833.72.195
brown	833.72.192	833.72.196
matt nickel-plated	833.72.162	833.72.166
stainless steel colored	833.72.194	833.72.197
silver colored	833.72.124	833.72.125
white, RAL 9003	833.72.163	833.72.167



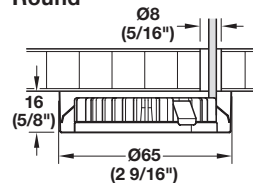
Black

Anthracite

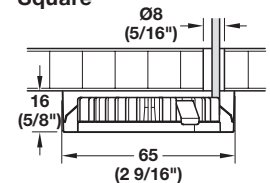
Brown

Matt
nickel-
platedStainless
steel
coloredSilver
coloredWhite
RAL
9003

Round



Square

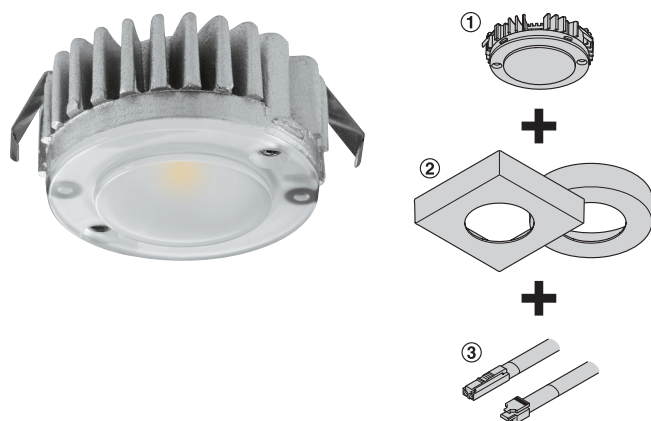


12
V

LED 2040

Low intensity
Wattage: 1.5 W
Diodes: 3

Modular, drill hole Ø: 35 mm (1 3/8")



- > Updated with high quality Samsung® LEDs
- > Can be recess or surface mounted
- > Customize appearance with broad selection of trim rings

- > Color rendering index: R_a : >90
- > Degree of protection: IP44 recess mounted
IP20 surface mounted
- > Material: Aluminum
- > Supplied with: 1 light

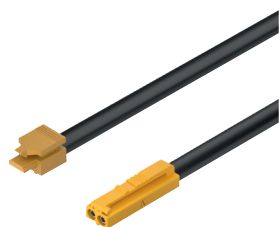
Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
2700	115	76	833.72.560
3000	115	76	833.72.561
4000	115	76	833.72.562
5000	125	83	833.72.563

Note

Order lead and trim ring separately.

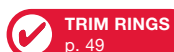
2700 K	3000 K	4000 K	5000 K	80°		
225 lx	225 lx	225 lx	250 lx		250 mm	(9 13/16")
81 lx	81 lx	81 lx	90 lx		500 mm	(19 11/16")
36 lx	36 lx	36 lx	40 lx		750 mm	(29 1/2")
20 lx	20 lx	20 lx	23 lx		1000 mm	(39 3/8")

Leads for modular puck lights



- > 1.5 A/24 AWG, with snap-in connector

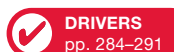
Length	Item No.
1 m (39 3/8")	833.95.789
2 m (78 3/4")	833.95.788

YOU MAY
ALSO NEED:

TRIM RINGS
p. 49



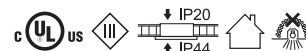
SWITCHES
pp. 228–251



DRIVERS
pp. 284–291



DISTRIBUTORS
pp. 254–259

NoteSuitable for use within
closet storage spaces.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

MODULAR PUCK TRIM RINGS

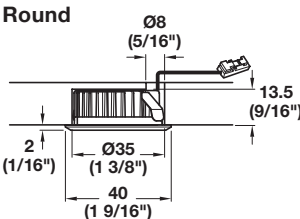
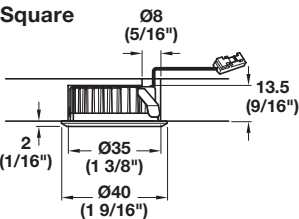
LED 2040

Plastic recess mount trim ring, drill hole: Ø35 mm (1 3/8")

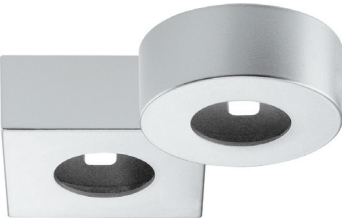


- > IP44 degree of protection
- > Material: Plastic

Color	Round	Square
black	833.72.184	833.72.188
matt nickel-plated	833.72.186	833.72.190
silver colored	833.72.145	833.72.146
white, RAL 9003	833.72.187	833.72.191

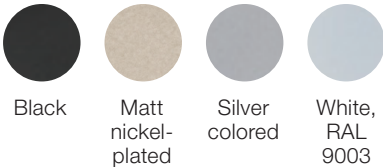
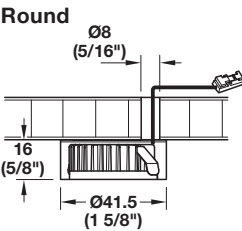
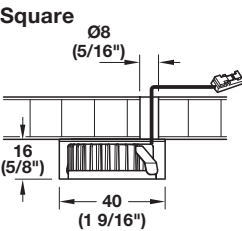


Plastic surface mount trim ring



- > IP20 degree of protection
- > Material: Plastic

Color	Round	Square
black	833.72.176	833.72.180
matt nickel-plated	833.72.178	833.72.182
silver colored	833.72.143	833.72.144
white, RAL 9003	833.72.179	833.72.183



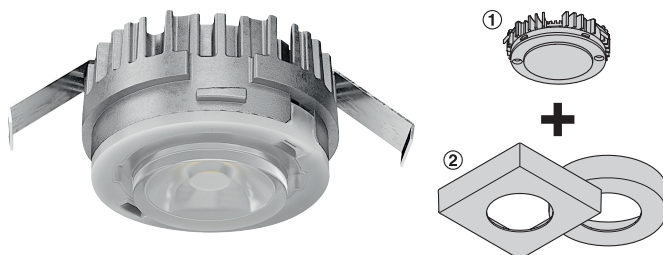
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12
V

LED 2090

Medium intensity
Wattage: 1.2 W
Diodes: 1

Modular, drill hole Ø: 26 mm (1")



- > Narrow beam angle for highlighting objects
- > Can be recess or surface mounted
- > Customize appearance with broad selection of trim rings

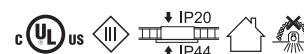
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >60
- > Degree of protection: IP44 recess mounted
IP20 surface mounted
- > Material: Aluminum
- > Supplied with: 1 light with 2 m (78 3/4") lead

2700 K	3000 K	4000 K	5000 K	55°		
930 lx	990 lx	1005 lx	1005 lx		250 mm	(9 13/16")
230 lx	240 lx	250 lx	260 lx		500 mm	(19 11/16")
95 lx	100 lx	110 lx	115 lx		750 mm	(29 1/2")
50 lx	55 lx	60 lx	60 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
2700	80	67	833.72.470
3000	90	75	833.72.471
4000	95	79	833.72.472
5000	100	83	833.72.473

Note

Order trim ring separately.

YOU MAY
ALSO NEED:**Note**Suitable for use within
closet storage spaces.

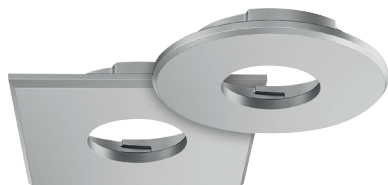
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

MODULAR PUCK TRIM RINGS

LED 2090

12
V

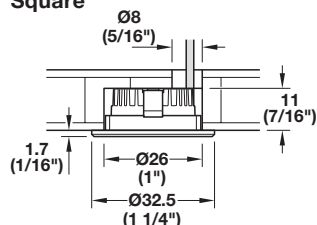
Plastic recess mount trim ring, drill hole: Ø26 mm (1")



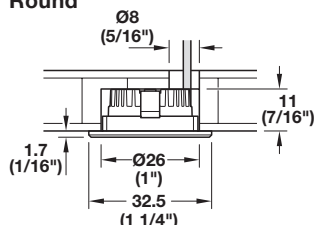
- > IP44 degree of protection
- > Material: Plastic

Color	Round	Square
black	833.89.225	833.89.232
anthracite	833.89.226	833.89.233
brown	833.89.227	833.89.234
matt nickel-plated	833.89.223	833.89.230
stainless steel colored	833.89.228	833.89.235
silver colored	833.89.222	833.89.229
white, RAL 9003	833.89.224	833.89.231

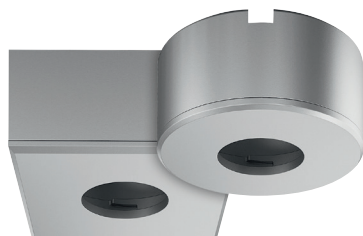
Square



Round



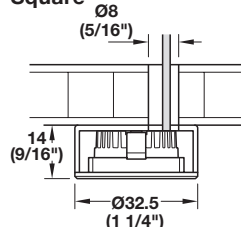
Plastic surface mount trim ring



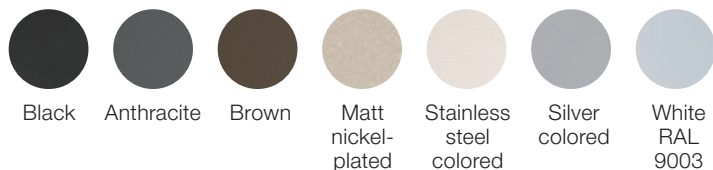
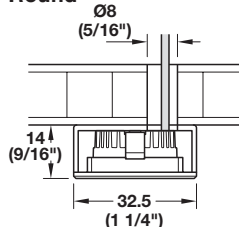
- > IP20 degree of protection
- > Material: Plastic

Color	Round	Square
black	833.89.239	833.89.246
anthracite	833.89.240	833.89.247
brown	833.89.241	833.89.248
matt nickel-plated	833.89.237	833.89.244
stainless steel colored	833.89.242	833.89.249
silver colored	833.89.236	833.89.243
white, RAL 9003	833.89.238	833.89.245

Square



Round



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12
V

LED 2022

Low intensity
Wattage: 1.5 W
Diodes: 3

Recess/surface mounted, drill hole Ø: 26 mm (1")

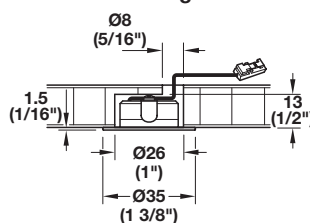


- > Updated with Loox5 cables and plugs
- > Recess mounted in drilled hole or surface mounted with trim ring

- > Degree of protection: IP44 recess mounted
IP20 surface mounted
- > Material: Aluminum
- > Supplied with: 1 light with 2 m (78 3/4") lead

3000 K	4000 K	5000 K	90°		
650 lx	650 lx	650 lx		250 mm	(9 13/16")
163 lx	163 lx	163 lx		500 mm	(19 11/16")
72 lx	72 lx	72 lx		750 mm	(29 1/2")
40 lx	40 lx	40 lx		1000 mm	(39 3/8")

Recess mounting



Color temperature K	Luminous flux lm	Luminous efficacy lm/W	silver colored anodized	polished chrome-plated
3000	105	70	833.72.084	833.72.085
4000	105	70	833.72.086	833.72.087
5000	105	70	833.72.088	833.72.089

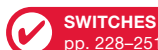
Note

Order trim ring separately.

YOU MAY
ALSO NEED:



TRIM RINGS
p. 53



SWITCHES
pp. 228–251



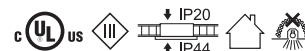
DRIVERS
pp. 284–291



DISTRIBUTORS
pp. 254–259

Note

Suitable for use within
closet storage spaces.



MODULAR PUCK TRIM RINGS

LED 2022

Surface mount trim ring



- > IP20 degree of protection
- > Material: Aluminum

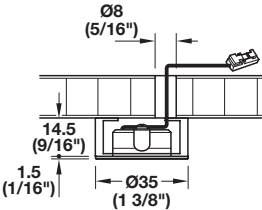
Color	Square
silver colored anodized	833.72.831
chrome-plated	833.72.830



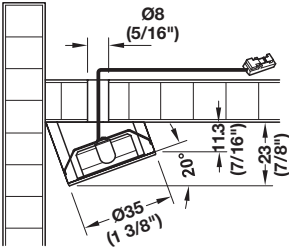
- > IP20 degree of protection
- > Material: Aluminum

Color	Square
silver colored anodized	833.72.832
chrome-plated	833.72.833

Round



Wedged



Silver
colored
anodized



Chrome-
plated

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

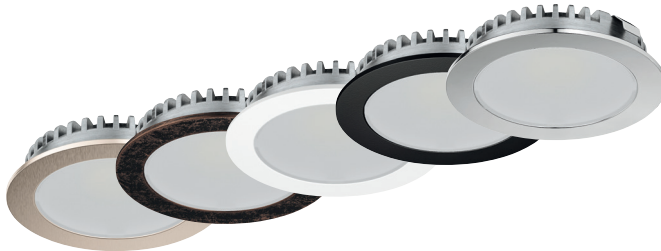


12
V

LED 2094

Medium intensity
Wattage: 2.5 W
Diodes: 6

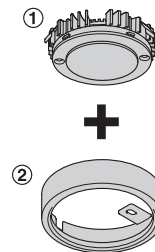
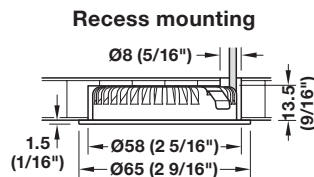
Recess or surface mounted, drill hole Ø: 58 mm (2 5/16")



> Recess mounted in drilled hole or surface mounted with trim ring

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: 30,000 h
- > Material: Aluminum; Diffuser: Plastic
- > Supplied with: 1 light with 2 m (78 3/4") lead

2700 K	3000 K	4000 K	5000 K		
800 lx	930 lx	940 lx	965 lx	105°	250 mm (9 13/16")
200 lx	230 lx	235 lx	240 lx		500 mm (19 11/16")
90 lx	100 lx	105 lx	110 lx		750 mm (29 1/2")
50 lx	60 lx	60 lx	60 lx		1000 mm (39 3/8")



Color Temperature K	Luminous flux lm	Luminous efficacy lm/W	chrome colored	black	white	bronze colored	nickel colored
2700	135	54	833.72.530	833.72.534	833.72.538	833.72.542	833.72.546
3000	150	60	833.72.531	833.72.535	833.72.539	833.72.543	833.72.547
4000	160	64	833.72.532	833.72.536	833.72.540	833.72.544	833.72.549
5000	165	66	833.72.533	833.72.537	833.72.541	833.72.545	833.72.548

Note

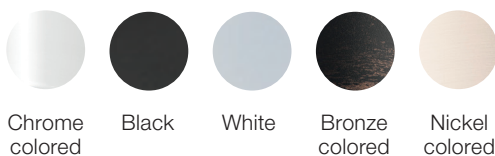
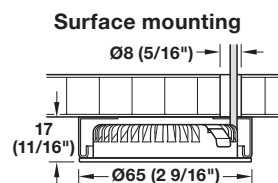
Order optional trim ring for surface mounting separately, below.

Surface mount trim ring, optional

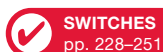


> Material: Aluminum

Finish	Item No.
chrome colored	833.72.809
black	833.72.806
white	833.72.807
bronze colored	833.72.808
nickel colored	833.72.528



YOU MAY
ALSO NEED:



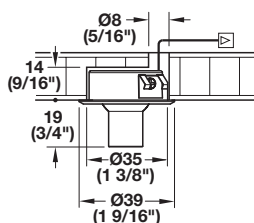


LED 2093

High intensity
Wattage: 1 W
Diodes: 1

12
V

Recess mounted, drill hole Ø: 35 mm (1 3/8")



- > Narrow beam for spot lighting display items
- > Swiveling light head with a powerful spotlight
- > For clamp mounting in drilled hole

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Material: Aluminum
- > Supplied with: 1 light with 2 m (78 3/4") lead

Silver colored

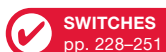
2700 K	3000 K	4000 K	5000 K	24°	
5440 lx	5500 lx	5700 lx	5950 lx		250 mm (9 13/16")
1220 lx	1280 lx	1320 lx	1360 lx		500 mm (19 11/16")
535 lx	568 lx	579 lx	598 lx		750 mm (29 1/2")
290 lx	308 lx	315 lx	327 lx		1000 mm (39 3/8")

Black

2700 K	3000 K	4000 K	5000 K	24°	
5380 lx	5580 lx	5710 lx	5930 lx		250 mm (9 13/16")
1200 lx	1270 lx	1340 lx	1330 lx		500 mm (19 11/16")
522 lx	557 lx	588 lx	580 lx		750 mm (29 1/2")
283 lx	302 lx	322 lx	316 lx		1000 mm (39 3/8")

Color	Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
silver colored	2700	70	70	833.72.055
	3000	75	75	833.72.056
	4000	78	78	833.72.057
	5000	80	80	833.72.058
black	2700	50	50	833.72.075
	3000	53	53	833.72.076
	4000	56	56	833.72.077
	5000	60	60	833.72.078

YOU MAY
ALSO NEED:





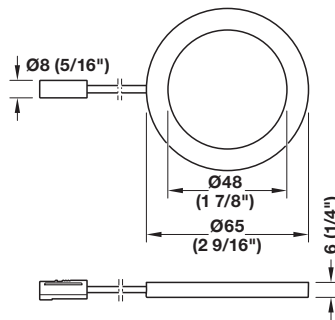
12
V

LED 2050

Medium intensity
Wattage: 2.5 W
Diodes: 9

Surface mounted, Ø: 65 mm (2 9/16")

> Extremely flat design



2700 K	3000 K	4000 K	5000 K	105°	
745 lx	745 lx	800 lx	800 lx		250 mm (9 13/16")
210 lx	210 lx	225 lx	225 lx		500 mm (19 11/16")
100 lx	100 lx	105 lx	105 lx		750 mm (29 1/2")
55 lx	55 lx	60 lx	60 lx		1000 mm (39 3/8")

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Lifetime: 30,000 h
- > Ø x H: 65 x 6 mm (2 9/16" x 1/4")
- > Material/Color: Plastic, silver colored
- > Supplied with:
1 light with 2 m (78 3/4") lead
Mounting materials

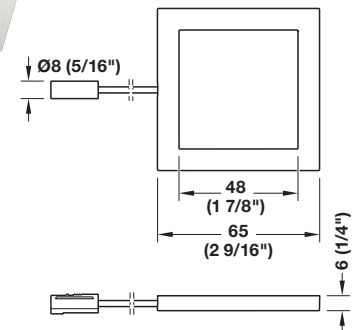
Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
2700	140	56	833.74.230
3000	140	56	833.74.231
4000	150	60	833.74.232
5000	150	60	833.74.233

LED 2051

Medium intensity
Wattage: 2.5 W
Diodes: 9

Surface mounted, 65 x 65 mm (2 9/16" x 2 9/16")

> Extremely flat design



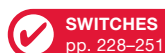
2700 K	3000 K	4000 K	5000 K	105°	
710 lx	735 lx	785 lx	785 lx		250 mm (9 13/16")
200 lx	210 lx	225 lx	225 lx		500 mm (19 11/16")
95 lx	100 lx	105 lx	105 lx		750 mm (29 1/2")
55 lx	55 lx	60 lx	60 lx		1000 mm (39 3/8")

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Lifetime: 30,000 h
- > L x W x H: 65 x 65 x 6 mm (2 9/16" x 2 9/16" x 1/4")
- > Material/Color: Plastic, silver colored
- > Supplied with:
1 light with 2 m (78 3/4") lead
Mounting materials

Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
2700	140	56	833.74.240
3000	145	58	833.74.241
4000	155	62	833.74.242
5000	155	62	833.74.243

Note
Suitable for use within
closet storage spaces.

YOU MAY
ALSO NEED:



NEW



LED 2066

High intensity
Wattage: 7.5 W
Diodes: 102

LED 2067

High intensity
Wattage: 7.5 W
Diodes: 144

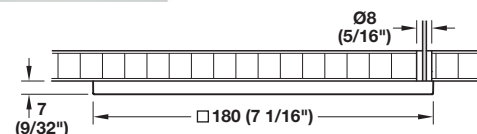
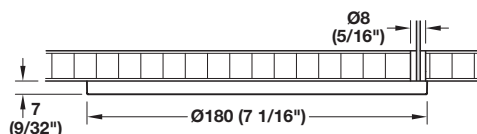
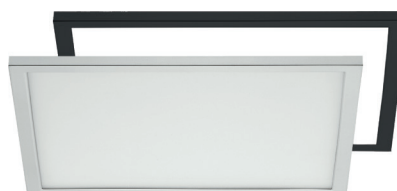
12
V

Surface mounted downlight, Ø: 180 mm (7 1/16")

Surface mounted downlight, 180 x 180 (7 1/16" x 7 1/16")

- > Uniform illumination in cabinets and furniture
- > Extremely flat design
- > Interchangeable black and silver frames

- > Uniform illumination in cabinets and furniture
- > Extremely flat design
- > Interchangeable black and silver frames



3000 K	4000 K	110°		
2820 lx	3085 lx		250 mm (9 13/16")	
705 lx	770 lx		500 mm (19 11/16")	
313 lx	342 lx		750 mm (29 1/2")	
180 lx	190 lx		1000 mm (39 3/8")	

3000 K	4000 K	110°		
3120 lx	3315 lx		250 mm (9 13/16")	
780 lx	830 lx		500 mm (19 11/16")	
346 lx	368 lx		750 mm (29 1/2")	
195 lx	210 lx		1000 mm (39 3/8")	

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >60
- > Lifetime: 50,000 h
- > Ø x H: 180 x 7 mm (7 1/16" x 9/32")
- > Material/Color: Plastic, silver colored or black
- > Supplied with:
 - 1 light with 2 m (78 3/4") lead
 - 2 frames (1 silver, 1 black)
 - Mounting materials

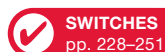
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >60
- > Lifetime: 50,000 h
- > L x W x H: 180 x 180 x 7 mm (7 1/16" x 7 1/16" x 9/32")
- > Material/Color: Plastic, silver colored or black
- > Supplied with:
 - 1 light with 2 m (78 3/4") lead
 - 2 frames (1 silver, 1 black)
 - Mounting materials

Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
3000	520	69	833.72.293
4000	520	69	833.72.294

Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
3000	520	69	833.72.295
4000	520	69	833.72.296

Note
Suitable for use within
closet storage spaces.

YOU MAY
ALSO NEED:



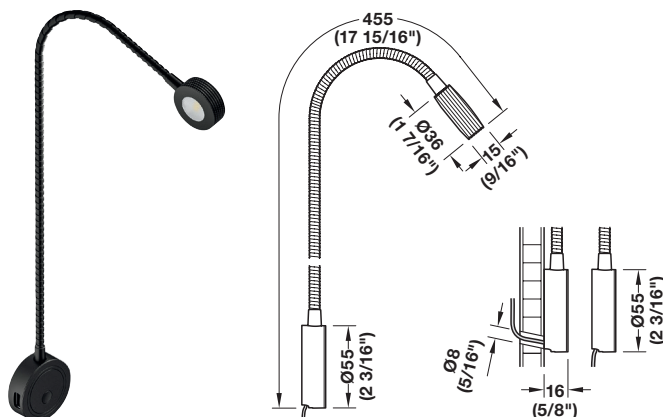
12
V

LED 2034

FLEXIBLE LIGHT

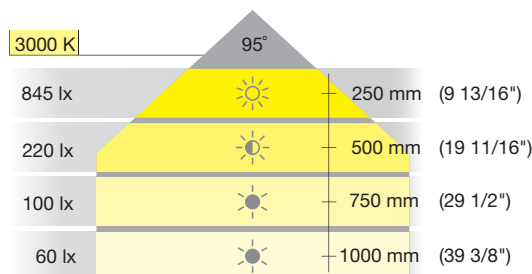
Wattage (including USB): 19 W
Light: 1.5 W
Diodes: 2

With USB charging station



> Integrated 5 V/2.5 A USB charging station; push button switch for 2 brightness levels; magnetic cover for base; modular power lead

- > Color rendering index: R_a : >90
- > Screw mounted under magnetic cover
- > L x W x H: 455 x 55 x 16 mm (17 15/16" x 2 3/16" x 5/8")
- > Material: Aluminum
- > Supplied with:
1 light
Mounting materials



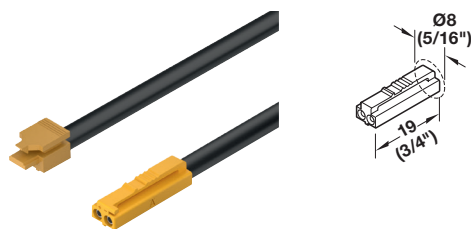
Color temperature K	Luminous flux lm	Luminous efficacy lm/W	black	chrome-plated
3000	120	80	833.74.088	833.74.089

Note

Minimum 20 W driver per light for optimum operation of the USB charging station.

Order lead separately.

Leads



> 5 A/18 AWG with snap in connector

Length	Item No.
1 m (39 3/8")	833.95.831
2 m (78 3/4")	833.95.830

YOU MAY
ALSO NEED:





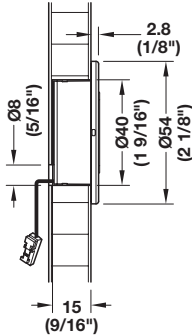
LED 2028

TOEKICK LIGHT

Wattage: 0.3 W
Diodes: 3

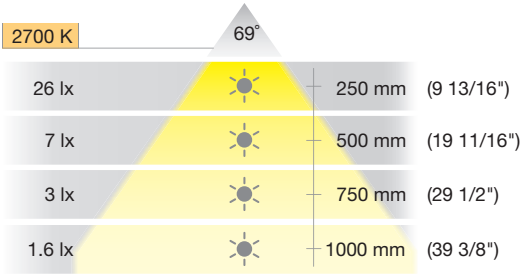
12
V

Motion activated orientation light, recess mounted

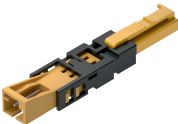


- > Integrated motion detector and ambient light sensor
- > Motion detector is active when ambient light is less than 15 lx

- > Color rendering index: R_a : >90
- > Delay time: approx. 2 min.
- > Sensor range: 0–3000 mm (0–9' 10 1/8")
- > Degree of protection: IP44
- > Mounting: recess mounted in drill hole
- > Lifetime: 30,000 h
- > Ø x H: 54 x 17.8 mm (2 1/8" x 11/16")
- > Drill hole Ø: 40 mm (1 9/16")
- > Material: Stainless Steel/Plastic
- > Supplied with:
 - 1 light with pre-attached 2 m (78 3/4") lead
 - Mounting materials



Color temperature	Luminous flux	Luminous efficacy	stainless steel colored	black
K	lm	lm/W		
2700	4	13	833.73.110	833.73.111



Note
Please order Loox3 to Loox5 adapter (833.95.753) separately.
One is required per light.

12 V 5 12 V

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

YOU MAY
ALSO NEED:

DRIVERS
pp. 284–291

ADAPTERS
p. 255



12 V

TUNABLE WHITE

2-WIRE



12 V TUNABLE WHITE 2-WIRE

Technical data pages 62–63

COB GOLD

LED 2106/2107 pages 64–65

Leads and connectors for LED 2106/2107 page 66

COB COMPLETE

LED 1203/1205 pages 67–68

8 MM STRIP LIGHTS

LED 2075 page 69

LED 2087 page 70

Leads and connectors for 2075/2087 page 71

SILICONE STRIP LIGHTS

LED 2088 page 72

LED 2089 page 73

Leads and connectors for 2088/2089 page 74

PUCK LIGHTS

LED 2086 and trim rings pages 75–77

CONTROLS AND ACCESSORIES

6-way distributor page 78

Connect Mesh 4-way distributor page 79

Press-to-Pair distributor page 80

Magnetic reed switch page 81

PRODUCT COMPARISON CHART

TUNABLE WHITE LED STRIPS

		LEDs/m	Color temperature	Illuminance lx distance				Wattage	Luminous flux		
Tunable white 2-wire			K	250 mm (9 13/16")	500 mm (19 11/16")	750 mm (29 1/2")	1000 mm (39 3/8")	W/m	lm/m	lm/ft.	
2	COB Gold, tunable white 2-wire, 8 mm (5/16")										
LED 2106											
	2 x 320	2700 5000	550 615	230 260	125 140	75 90	4.8	445 450	136 137		
LED 2107											
	2 x 320	2700 5000	1170 1288	462 508	245 270	147 161	9.6	920 930	280 284		
2	COB Complete, tunable white 2-wire, 10 mm (3/8"), silicone sleeve										
LED 1203											
	2 x 320	2700 5000	590 672	244 278	131 149	82 93	3.0	246 270	75 82		
LED 1205											
	2 x 320	2700 5000	1619 1848	640 733	359 411	243 279	10.0	820 900	250 274		
2	Strip lights, tunable white 2-wire, 8 mm (5/16")										
LED 2075											
	2 x 120	2700 5000	1025 1075	425 445	230 245	145 150	4.8	425 465	130 142		
LED 2087											
	2 x 120	2700 5000	1865 2045	785 865	430 475	270 295	9.6	825 930	252 284		
2	Silicone strip lights, tunable white 2-wire, 10 mm (3/8"), silicone sleeve										
LED 2088											
	2 x 120	2700 5000	1025 1075	425 445	230 245	145 150	4.8	425 465	130 142		
LED 2089											
	2 x 120	2700 5000	1865 2045	785 865	430 475	270 295	9.6	825 930	252 284		
Tunable white 3-wire											
3	Strip lights, tunable white 3-wire, 8 mm (5/16")										
LED 2064											
	2 x 60	2700 5000	1025 1075	425 445	230 245	145 150	4.8	425 465	130 142		
LED 2070											
	2 x 120	2700 5000	1865 2045	785 865	430 475	270 295	9.6	825 930	252 284		

12
V

	Luminous efficacy	Coloring rendering index	Available length					Max. strip length (visual)	Max. strip length wattage-dependent on driver (m)		
	lm/W	R _a /R ₉	2.2 m (86 5/8")	5 m (196 7/8")	6 m (236 1/4")	15 m (590 9/16")	50 m (1968 1/2")		20 W	40 W	60 W
Current carrying capacity of strip light: 5 A											
	93 94	>90/>50	-	833.74.520	-	-	833.74.525	3.5 m (137 13/16")	4.10	8.30	12.50
	96 97	>90/>50	-	833.74.521	-	-	833.74.526	3 m (118 1/8")	2.00	4.10	6.20
Current carrying capacity of strip light: 5 A											
	82 90	>90/>50	833.02.305	-	833.02.167	-	-	5 m (196 7/8")	6.60	13.30	20.00
	82 90	>90/>50	833.02.145	-	833.02.325	-	-	3 m (118 1/8")	2.00	4.00	6.00
Current carrying capacity of strip light: 5 A											
	89 97	>90/>50	-	833.74.436	-	-	833.74.437	4.5 m (177 3/16")	4.10	8.30	12.50
	86 97	>90/>50	-	833.74.430	-	-	833.74.431	3.5 m (137 13/16")	2.00	4.10	6.20
Current carrying capacity of strip light: 5 A											
	89 97	>90/>50	-	833.74.432	-	833.74.433	-	4.5 m (177 3/16")	4.10	8.30	12.50
	86 97	>90/>50	-	833.74.434	-	833.74.435	-	3.5 m (137 13/16")	2.00	4.10	6.20
Current carrying capacity of strip light: 3.5 A											
	89 97	>90/>50	-	833.74.352	-	-	833.74.353	4.5 m (177 3/16")	4.10	8.30	8.70
	86 97	>90/>50	-	833.74.370	-	-	833.74.371	3.5 m (137 13/16")	2.00	4.10	4.30



NEW

12
V

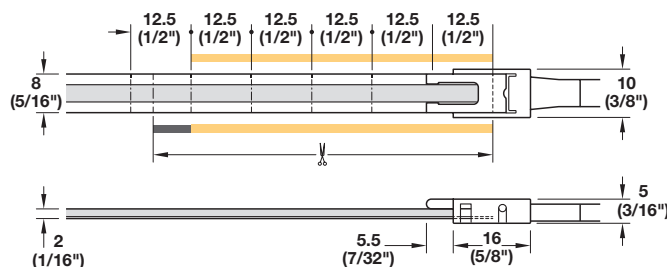
LED 2106

COB GOLD

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 2 x 320/m; 2 x 96/ft.



Tunable white 2-wire, 8 mm (5/16")



12.5 mm (1/2") cut points and continuous contacts allow LED strip to be shortened at exact desired lengths.

- > Tunable color temperature (2700–5000 K)
- > Uses 2-wire cables; additional adapters are not needed
- > Uniform light output: LED dots are not visible
- > Enables use of extremely shallow profiles

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 2 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.912) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.810) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.894). Please order separately, see pages 78–80.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°		
550 lx	615 lx		250 mm	(9 13/16")
230 lx	260 lx		500 mm	(19 11/16")
125 lx	140 lx		750 mm	(29 1/2")
75 lx	90 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	445	136	93	833.74.520	833.74.525
5000	450	137	94		

Max. strip length (visual): 3.5 m (137 13/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



Note
Suitable for use within closet storage spaces when utilized with profile and lens.



NEW



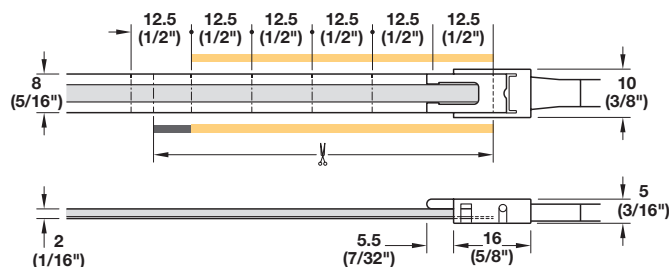
LED 2107

COB GOLD

High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 2 x 320/m; 2 x 96/ft.

12
V

Tunable white 2-wire, 8 mm (5/16")



12.5 mm (1/2") cut points and continuous contacts allow LED strip to be shortened at exact desired lengths.

- > Tunable color temperature (2700–5000 K)
- > Uses 2-wire cables; additional adapters are not needed
- > Uniform light output: LED dots are not visible
- > Enables use of extremely shallow profiles

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 2 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.912) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.810) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.894). Please order separately, see pages 78–80.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°		
1170 lx	1288 lx		250 mm	(9 13/16")
462 lx	508 lx		500 mm	(19 11/16")
245 lx	270 lx		750 mm	(29 1/2")
147 lx	161 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux lm/m	lm/ft.	Luminous efficacy lm/W	Length 5 m (196 7/8")	50 m (1968 1/2")*
2700	920	280	96	833.74.521	833.74.526
5000	930	284	97		

Max. strip length (visual): 3 m (118 1/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

LEADS
p. 66PROFILES
pp. 202–225DRIVERS
pp. 284–291SWITCHES
pp. 228–251DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.



NEW

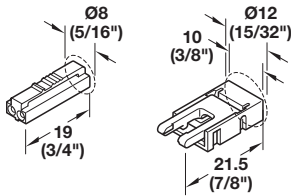
2

12
V

LED 2106/2107

2-wire

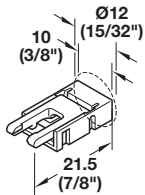
Leads and connectors for COB Gold tunable white 2-wire, 8 mm (5/16")



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.74.694
500 mm (19 11/16")	833.74.695
2 m (78 3/4")	833.74.696

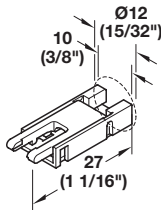
For use with 12 V COB Gold strip lights. Can also be used with 12 V COB Complete remnant pieces.



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.75.765
2 m (78 3/4")	833.75.766

For use with 12 V or 24 V COB Gold strip lights. Can also be used with COB Complete remnant pieces.



- > 5 A clip connector
- > Supplied with: 10 pcs.

Item No.
833.75.767

For use with 12 V or 24 V COB Gold strip lights. Can also be used with COB Complete remnant pieces.



- > Corner connector, 90°
- > Voltage: 12 V or 24 V
- > Width: 17 mm (11/16")
- > Length: 17 mm (11/16")
- > Clip width: 10 mm (3/8")
- > Supplied with: 10 pcs.

Item No.
833.89.318

For use with 8 mm (5/16") COB monochrome and COB tunable white 2-wire LED strip lights. Can also be used with COB Complete remnant pieces.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



NEW

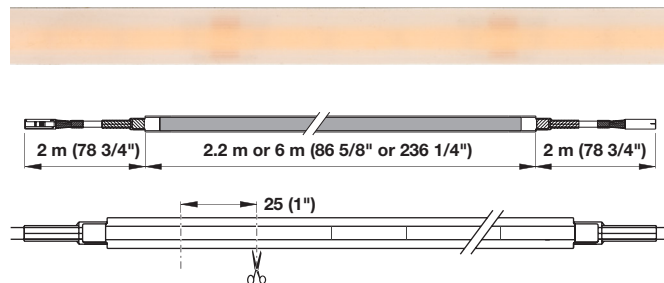
LED 1203

COB COMPLETE

Medium intensity
Wattage: 3 W/m; 0.9 W/ft.
Diodes: 2 x 320/m; 2 x 96/ft.

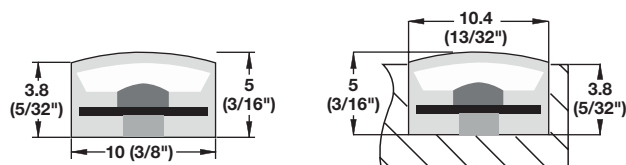

12
V

Tunable white 2-wire, 10 mm (3/8")



> Can be shortened every 25 mm (1")

A 2 m (78 3/4") lead cable (5 A/18 AWG) is soldered on each end of the roll. Strip can be divided into 2 sections. Remnant sections can be used when combined with COB Gold leads. See page 66.



Recommended routing dimensions:

10.4 x 3.8 mm (13/32" x 5/32"). Leaves a 1.2 mm crown when installed. Silicone compresses when shelf is pushed against it.

Note

To maintain IP67 protection, use silicone end caps, 833.89.184. Please order separately, see page 43.

- > Tunable color temperature (2700–5000 K)
- > Uniform light output: LED dots are not visible
- > Encased in a silicone sleeve eliminating the need for a profile
- > Surface mounted or recessed
- > Each roll is supplied with leads pre-attached to each end
- > IP67 rating allows strip to be used in almost any application

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP67 when used with silicone end caps
- > Lifetime: >40,000 h
- > Width: 10 mm (3/8")
- > Height: 5 mm (3/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.912) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.810) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.894). Please order separately, see pages 78–80.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°	
590 lx	672 lx		250 mm (9 13/16")
244 lx	278 lx		500 mm (19 11/16")
131 lx	149 lx		750 mm (29 1/2")
82 lx	93 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux lm/m	lm/ft.	Luminous efficacy lm/W	Length 2.2 m (86 5/8")	6 m (236 1/4")
2700	246	75	82	833.02.305	833.02.167
5000	270	82	90		

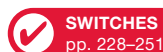
Max. strip length (visual): 5 m (196 7/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note

Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:



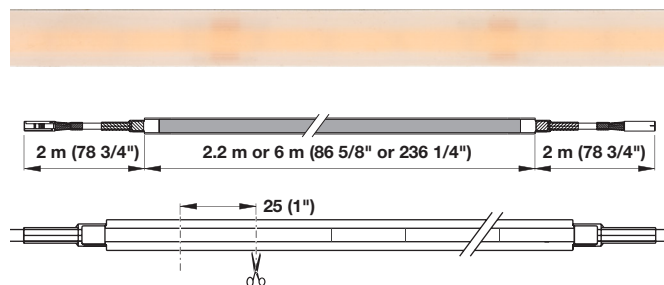
NEW

12
VLED 1205
COB COMPLETE

High intensity
Wattage: 10 W/m; 3 W/ft.
Diodes: 2 x 320/m; 2 x 96/ft.

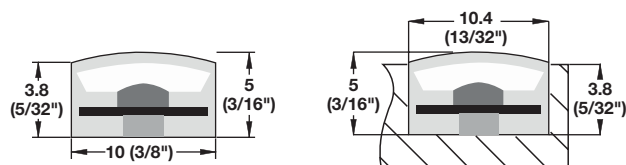


Tunable white 2-wire, 10 mm (3/8")



> Can be shortened every 25 mm (1")

A 2 m (78 3/4") lead cable (5 A/18 AWG) is soldered on each end of the roll. Strip can be divided into 2 sections. Remnant sections can be used when combined with COB Gold leads. See page 66.

**Recommended routing dimensions:**

10.4 x 3.8 mm (13/32" x 5/32"). Leaves a 1.2 mm crown when installed. Silicone compresses when shelf is pushed against it.

Note

To maintain IP67 protection, use silicone end caps, 833.89.184. Please order separately, see page 43.

- > Tunable color temperature (2700–5000 K)
- > Uniform light output: LED dots are not visible
- > Encased in a silicone sleeve eliminating the need for a profile
- > Surface mounted or recessed
- > Each roll is supplied with leads pre-attached to each end
- > IP67 rating allows strip to be used in almost any application

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP67 when used with silicone end caps
- > Lifetime: >40,000 h
- > Width: 10 mm (3/8")
- > Height: 5 mm (3/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.912) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.810) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.894). Please order separately, see pages 78–80.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°	
1619 lx	1848 lx		250 mm (9 13/16")
640 lx	733 lx		500 mm (19 11/16")
359 lx	411 lx		750 mm (29 1/2")
243 lx	279 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux lm/m	lm/ft.	Luminous efficacy lm/W	Length 2.2 m (86 5/8")	6 m (236 1/4")
2700	820	250	82	833.02.145	833.02.325
5000	900	274	90		

Max. strip length (visual): 3 m (118 1/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note

Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:



NEW



LED 2075

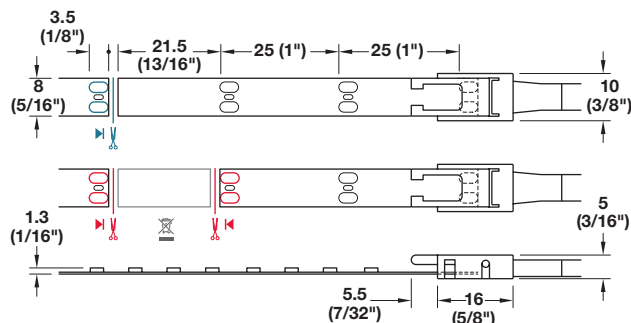
Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 2 x 120/m; 2 x 36/ft.

12
V

Tunable white 2-wire, 8 mm (5/16")



- > Tunable color temperature (2700–5000 K)
- > Uses 2-wire cables; additional adapters are not needed



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 25 mm (1")

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.912) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.810) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.894). Please order separately, see pages 78–80.

2700 K	5000 K	120°		
1025 lx	1075 lx		250 mm	(9 13/16")
425 lx	445 lx		500 mm	(19 11/16")
230 lx	245 lx		750 mm	(29 1/2")
145 lx	150 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux lm/m	lm/ft.	Luminous efficacy lm/W	Length 5 m (196 7/8")	50 m (1968 1/2")*
2700	425	130	89	833.74.436	833.74.437
5000	465	142	97		

Max. strip length (visual): 4.5 m (177 3/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
p. 71



PROFILES
pp. 202–225



DRIVERS
pp. 284–291



SWITCHES
pp. 228–251



DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.



NEW


12
V

LED 2087

High intensity

Wattage: 9.6 W/m; 3 W/ft.

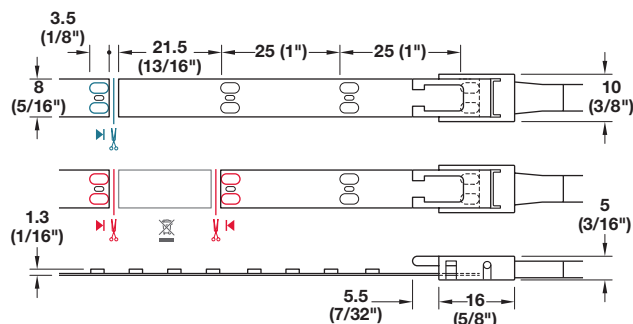
Diodes: 2 x 120/m; 2 x 36/ft.



Tunable white 2-wire, 8 mm (5/16")



- > Tunable color temperature (2700–5000 K)
- > Uses 2-wire cables; additional adapters are not needed



- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.912) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.810) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.894). Please order separately, see pages 78–80.

- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 25 mm (1")

2700 K	5000 K	120°		
1865 lx	2045 lx		250 mm	(9 13/16")
785 lx	865 lx		500 mm	(19 11/16")
430 lx	475 lx		750 mm	(29 1/2")
270 lx	295 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux lm/m	lm/ft.	Luminous efficacy lm/W	Length 5 m (196 7/8")	50 m (1968 1/2")*
2700	825	252	86	833.74.430	833.74.431
5000	930	284	97		

Max. strip length (visual): 3.5 m (137 13/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

LEADS
p. 71

PROFILES
pp. 202–225

DRIVERS
pp. 284–291

SWITCHES
pp. 228–251

DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.

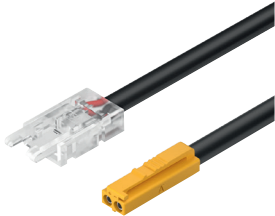


LED 2075/2087



12
V

Leads and connectors, tunable white 2-wire, 8 mm (5/16")



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.93.736
500 mm (19 11/16")	833.95.701
2 m (78 3/4")	833.95.700



- > 5 A/18 AWG lead with female socket and clip
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.93.746



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.89.191
500 mm (19 11/16")	833.89.192
2 m (78 3/4")	833.89.193

For use with 8 mm (5/16") 12 V or 24 V 2-wire strip lights



- > 5 A clip connector
- > Supplied with: 10 pcs.

Item No.
833.89.206

For use with 8 mm (5/16") 12 V or 24 V 2-wire strip lights



- > 5 A corner connector, 90° rigid, left or right
- > Supplied with: 10 pcs.

Item No.
833.89.187

For use with 8 mm (5/16") 12 V or 24 V 2-wire strip lights

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

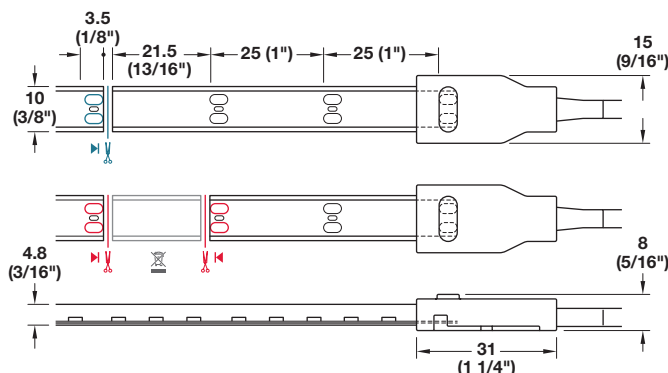
NEW


12
V

LED 2088 SILICONE

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 2 x 120/m; 2 x 36/ft. 2-wire

Tunable white 2-wire, silicone sleeve



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 25 mm (1")

- > Tunable color temperature (2700–5000 K)
- > Uses 2-wire cables; additional adapters are not needed
- > Encased in silicone; a profile is not required
- > IP44 protection when used with IP44 leads and end cap

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP44 with IP44 leads and silicone end caps
- > Lifetime: >50,000 h
- > Width: Strip: 8 mm (5/16")
Silicone sleeve: 10 mm (3/8")
- > Height: Silicone sleeve: 4.8 mm (3/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.912) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.810) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.894). Please order separately, see pages 78–80.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°	
1025 lx	1075 lx		250 mm (9 13/16")
425 lx	445 lx		500 mm (19 11/16")
230 lx	245 lx		750 mm (29 1/2")
145 lx	150 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	15 m (590 9/16")*
2700	425	130	89	833.74.432	833.74.433
5000	465	142	97		

Max. strip length (visual): 4.5 m (177 3/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note

To maintain IP44 protection, use silicone end caps 833.89.184. Please order separately, see page 74.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
p. 74



SWITCHES
pp. 228–251



DRIVERS
pp. 284–291



DISTRIBUTORS
pp. 254–259



NEW



LED 2089

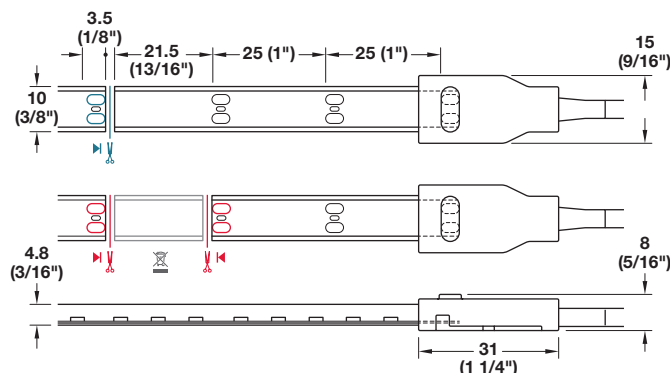
SILICONE

High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 2 x 120/m; 2 x 36/ft.



12
V

Tunable white 2-wire, silicone sleeve



— Cut LED strip light to length
 (one contact side remains on the remainder piece; reusable)

— Connect LED strip lights
 (two contact sides required)

> Can be shortened every 25 mm (1")

- > Tunable color temperature (2700–5000 K)
- > Uses 2-wire cables; additional adapters are not needed
- > Encased in silicone; a profile is not required
- > IP44 protection when used with IP44 leads and end cap

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP44 with IP44 leads and silicone end caps
- > Lifetime: >50,000 h
- > Width: Strip: 8 mm (5/16")
 Silicone sleeve: 10 mm (3/8")
- > Height: Silicone sleeve: 4.8 mm (3/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.912) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.810) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.894). Please order separately, see pages 78–80.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°		
1865 lx	2045 lx		250 mm	(9 13/16")
785 lx	865 lx		500 mm	(19 11/16")
430 lx	475 lx		750 mm	(29 1/2")
270 lx	295 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	15 m (590 9/16")*
2700	825	252	86	833.74.434	833.74.435
5000	930	284	97		

Max. strip length (visual): 3.5 m (137 3/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note

To maintain IP44 protection, use silicone end caps 833.89.184. Please order separately, see page 74.

*May require longer delivery time.

YOU MAY
 ALSO NEED:

LEADS
 p. 74

SWITCHES
 pp. 228–251

DRIVERS
 pp. 284–291

DISTRIBUTORS
 pp. 254–259



12
VLED 2088/2089
SILICONE

2-wire

Leads and connectors for silicone, tunable white 2-wire

Degree of protection

IP44 - Indicates the degree of protection against solid objects larger than 1 mm and splashing water from all directions. While not fully waterproof, IP44 rated strips work well in areas such as bathrooms and around kitchen sinks.

IP44 leads, connectors and end caps

For bathrooms and other applications that require protection from splashes and damp conditions, use the following leads and end caps.



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug/clip cover

Length	Item No.
2 m (78 3/4")	833.95.703



- > Silicone stripping tool

Item No.
006.13.485



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip/clip covers

Length	Item No.
50 mm (2")	833.89.203
500 mm (19 11/16")	833.89.204
2 m (78 3/4")	833.89.205



- > End cap set with adhesive
- > For sealing the shortened silicone sleeve; achieves degree of protection IP44
- > Supplied with: 5 pcs. with 5 ml silicone adhesive

Item No.
833.89.184

IP20 leads and connectors

For dry indoor locations, the leads below can be used. Silicone end caps are not required when LED strips are installed in dry locations.



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.93.736
500 mm (19 11/16")	833.95.701
2 m (78 3/4")	833.95.700



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.89.191
500 mm (19 11/16")	833.89.192
2 m (78 3/4")	833.89.193



- > 5 A/18 AWG lead with female socket and clip
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.93.746



- > 5 A clip connector
- > Supplied with: 10 pcs.

Item No.
833.89.206



- > 5 A corner connector, 90° rigid, left or right
- > Supplied with: 10 pcs.

Item No.
833.89.187



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW



LED 2086

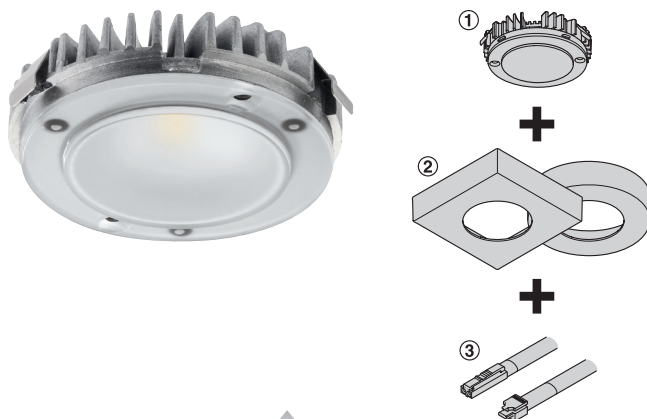
MODULAR PUCK LIGHT

High intensity
Wattage: 3.4 W
Diodes: 12



12
V

Drill hole Ø: 58 mm (2 5/16")



2700 K	5000 K	80°		
2000 lx	2100 lx		250 mm	(9 13/16")
520 lx	550 lx		500 mm	(19 11/16")
220 lx	235 lx		750 mm	(29 1/2")
120 lx	125 lx		1000 mm	(39 3/8")

- > Tunable color temperature (2700–5000 K)
- > Can be recess or surface mounted
- > Customize appearance with wide selection of recess and surface mount trim rings

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >55
- > Degree of protection: IP44 recess mounted
IP20 surface mounted

- > Material: Aluminum
- > Supplied with: 1 light

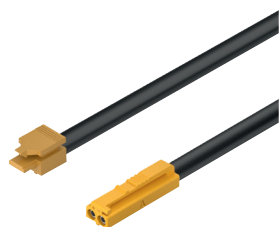
Color temperature K	Luminous flux lm/m	Luminous efficacy lm/W	Item No.
2700	240	72	833.72.450
5000	270	80	

Note

Order trim ring and lead separately.

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.912) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.810) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.894). Please order separately, see pages 78–80.

Leads for modular puck lights



- > 1.5 A/24 AWG, with snap-in connector

Length	Item No.
1 m (39 3/8")	833.95.789
2 m (78 3/4")	833.95.788

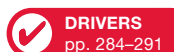
YOU MAY
ALSO NEED:



TRIM RINGS
pp. 76–77



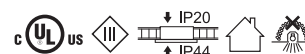
SWITCHES
pp. 228–251



DRIVERS
pp. 284–291



DISTRIBUTORS
pp. 254–259

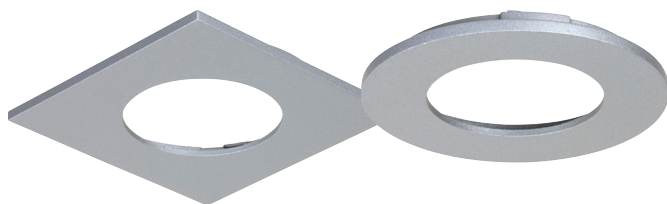


12
V

MODULAR PUCK TRIM RINGS

LED 2086

Metal recess mount trim ring, drill hole: Ø58 mm (2 5/16")

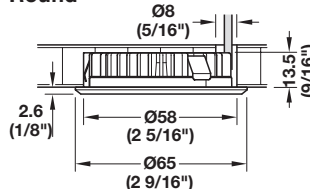


- > IP44 degree of protection
- > Material: Steel

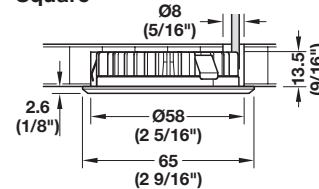
Color	Round	Square
silver colored	833.72.500	833.72.506
black	833.72.501	833.72.507
white	833.72.502	833.72.508
polished chrome colored	833.72.503	833.72.509
brass colored	833.72.504	833.72.510
copper colored	833.72.505	833.72.511



Round



Square



Plastic recess mount trim ring, drill hole: Ø58 mm (2 5/16")

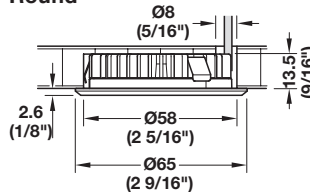


- > IP44 degree of protection
- > Material: Plastic

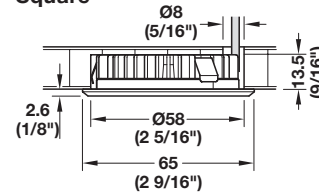
Color	Round	Square
black	833.72.168	833.72.172
anthracite	833.72.380	833.72.383
brown	833.72.381	833.72.384
matt nickel-plated	833.72.170	833.72.174
stainless steel colored	833.72.382	833.72.385
silver colored	833.72.126	833.72.127
white, RAL 9003	833.72.171	833.72.175



Round



Square



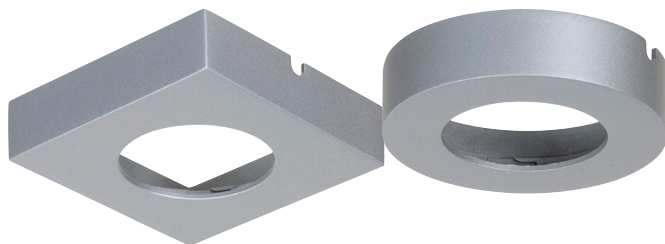
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

MODULAR PUCK TRIM RINGS

LED 2086

12
V

Metal surface mount trim ring



- > IP20 degree of protection
- > Material: Steel

Color	Round	Square
silver colored	833.72.512	833.72.518
black	833.72.513	833.72.519
white	833.72.514	833.72.520
polished chrome colored	833.72.515	833.72.521
brass colored	833.72.516	833.72.522
copper colored	833.72.517	833.72.523

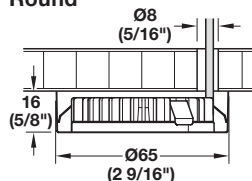


Black

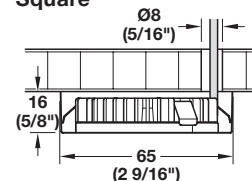
White

Polished
chromeBrass
coloredCopper
coloredSilver
colored

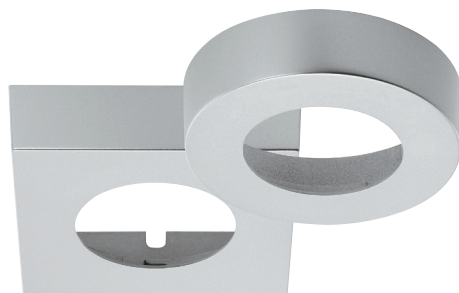
Round



Square

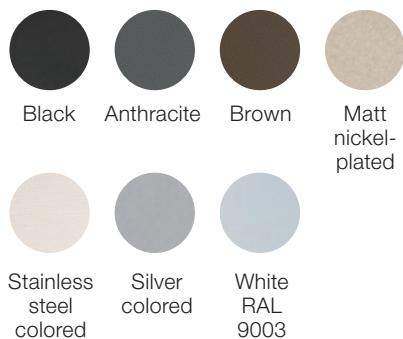


Plastic surface mount trim ring



- > IP20 degree of protection
- > Material: Plastic

Color	Round	Square
black	833.72.160	833.72.164
anthracite	833.72.193	833.72.195
brown	833.72.192	833.72.196
matt nickel-plated	833.72.162	833.72.166
stainless steel colored	833.72.194	833.72.197
silver colored	833.72.124	833.72.125
white, RAL 9003	833.72.163	833.72.167



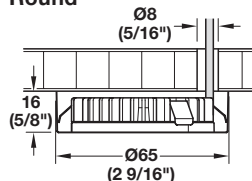
Black

Anthracite

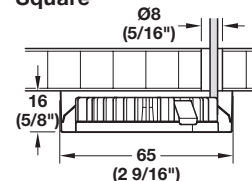
Brown

Matt
nickel-
platedStainless
steel
coloredSilver
coloredWhite
RAL
9003

Round



Square



NEW

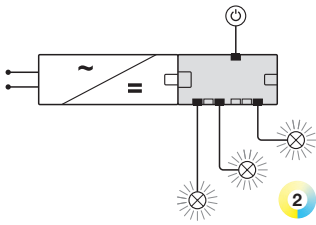
2

12
V

6-WAY DISTRIBUTOR WITH MANUAL COLOR TEMPERATURE CONTROL

2-wire

For tunable white 2-wire, with switch port



- > Connect tunable white 2-wire lights directly without adapters
- > Change color temperature by pushing button on distributor; Bluetooth® or app is not required
- > Toggle between four color temperatures (2700 K, 3000 K, 4000 K, 5000 K)

- > For setting tunable white light color temperature during installation; not designed for end user control
- > On/Off and dimming is controlled with standard wired switches connected to the switch port
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch socket
6 x output ports
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Max. connected wattage

60 W

Item No.

833.95.894

Note

Compatible with tunable white 2-wire 12 V LED strip and puck lights.



Scan for video
instructions

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

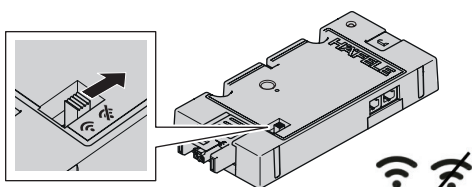
2

CONNECT MESH 2-WAY DISTRIBUTOR FOR TUNABLE WHITE 2-WIRE

2-wire

12
V

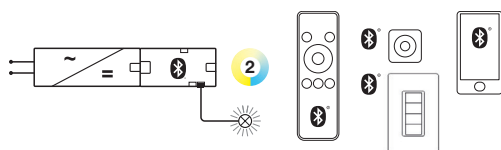
 Switchable between wireless Bluetooth® and manual control modes



Use toggle switch to select wireless Bluetooth® mode or manual mode.

Wireless Bluetooth® mode

- > Control color temperature and light intensity wirelessly
- > Connect with any Häfele Connect Mesh wireless switch or remote with EasyPairing
- > Use Häfele Connect Mesh app 2.0 for full functionality or for customizing network settings



Manual Control mode

- > Control color temperature manually by pushing button on distributor; 4 selection options: 2700 K, 3000 K, 4000 K and 5000 K
- > Connect a wired switch to the switch port to control on/off and dimming
- > For wireless control of on/off/dimming, attach Connect Mesh receiver (850.00.860) to the switch port. Order separately. See page 241E.

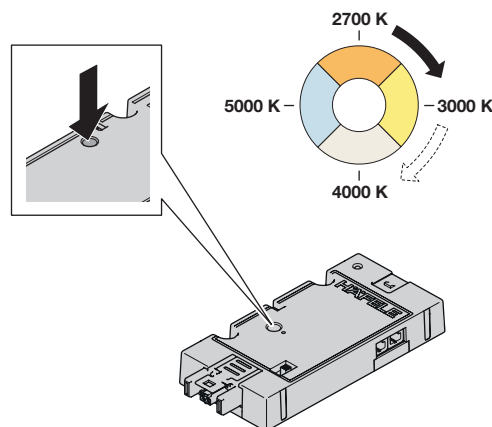
- > Color temperature and dimming can be controlled wirelessly or manually
- > Switch port for wired switches/sensors can be used in either wireless or manual modes
- > 2 output ports; both output ports are controlled together
- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches and remotes

- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches
- > Use Häfele Connect Mesh app 2.0 for full connect mesh functionality or for customizing network settings
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch port
2 x output ports; operates as 1 control channel
- > L x W x H: 115 x 50 x 16 mm (4 1/2" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 2-way distributor

Voltage	Wattage capacity	Item No.
12 V	60 W	850.00.842

Note

Compatible with tunable white 2-wire LED strip and puck lights. This item is replacing 850.00.912, 850.00.810 and 833.95.894.

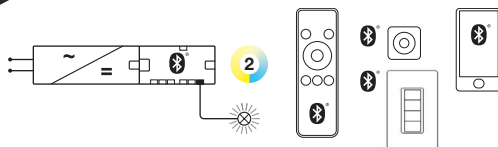
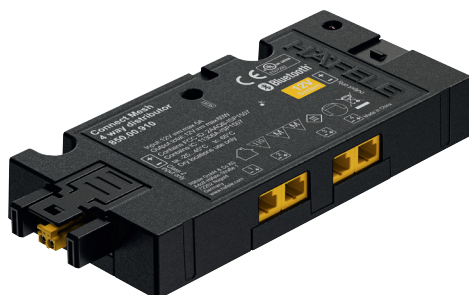


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NEW

2

CONNECT MESH 4-WAY DISTRIBUTOR FOR TUNABLE WHITE 2-WIRE


2-wire
12
V
 Bluetooth® wireless control


- > Connect tunable white 2-wire lights directly without adapters
- > Offers wireless control of color temperature and light intensity when paired with Häfele Connect Mesh switches and remotes

- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches
- > Use Häfele Connect Mesh app 2.0 for full connect mesh functionality or for customizing network settings
- > Number of connections: 1 x input port with box to box plug
1 x output port with box to box socket
1 x input switch port
4 x output ports
- > L x W x H: 105 x 50 x 16 mm (4 1/8" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 4-way distributor

Voltage	Wattage capacity	Item No.
12 V	36 W	850.00.912

Note

Compatible with tunable white 2-wire LED strips and puck lights.

 Connect Mesh remote control and switches


Connect Mesh remote control



Connect Mesh 4-button wall switch and wall plate



Connect Mesh multi-functional furniture switch

- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches
- > Use Häfele Connect Mesh app 2.0 for full connect mesh

Version	Item No.
Connect Mesh remote control	850.00.040
Connect Mesh 4-button wall switch and wall plate	450.80.868
Connect Mesh multi-functional furniture switch	850.00.952

For more information on Häfele Connect Mesh wireless switches and components, see pages 247–249.



NEW

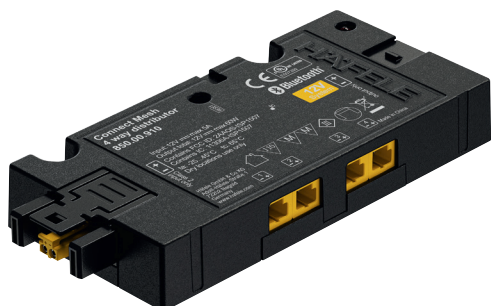
2

12
V

PRESS-TO-PAIR DISTRIBUTOR FOR PAIRING WITH KINETIC WALL SWITCH

2-wire

Bluetooth® wireless control



- > Easily pairs with kinetic double rocker wall switch
- > The left rocker switch controls on/off/dimming; the right rocker switch controls color temperature
- > Multiple press-to-pair distributors can be paired with one or more wall switches

- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
4 x output ports
- > L x W x H: 105 x 50 x 16 mm (4 1/8" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 press-to-pair distributor

Voltage	Max. connected wattage	Item No.
12 V	36 W	850.00.810

Note

Compatible with 12 V monochrome or tunable white 2-wire LED strip or puck lights. Use single rocker kinetic switch for monochrome and double rocker switch for tunable white.

For more information on kinetic wall switches, see page 247.



Scan for video
instructions

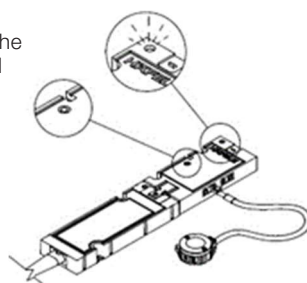


Double rocker kinetic switch
850.00.944
Please order separately.

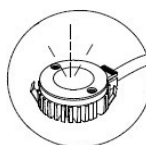
Linking distributors with kinetic rocker switch

Set distributor to pairing mode

Press and release the black reset button on the distributor. The red light on the distributor will blink slowly when ready for pairing.



X8, X1, X8

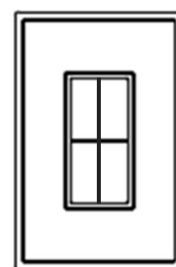


Control settings are pre-programmed and available once pairing is complete.

LEFT rocker
TAP HOLD

On Dims up

Off Dims down



RIGHT rocker
HOLD

Increase color
temperature

Decrease color
temperature

Pair distributor with rocker switch

1. Press and hold the upper left button for at least 8 seconds and release.
2. Press the upper left button for 1 second and release.
3. Press and hold the upper left button for 8 seconds and release.
4. The status LED and the lights connected to the distributor should flash 3 times to indicate the pairing was successful.

NEW

2

MAGNETIC REED SWITCH FOR TUNABLE WHITE 2-WIRE


2-wire
12
V

With in-line lead cable



- > Ideal for controlling a single light e.g., drawer lights
- > Connects directly to a driver or distributor output port; the switch port is not required

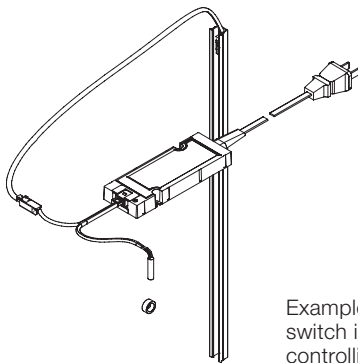
- > Supplied with:
 - 1 magnetic reed switch cable with 1 plug/1 socket
 - 1 magnet

Item No.
833.02.904

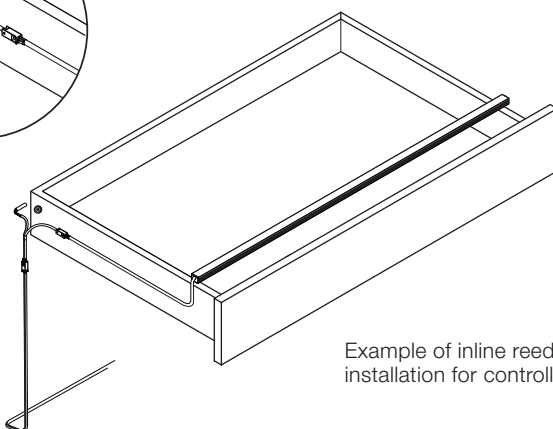
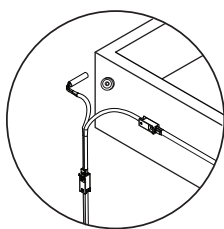
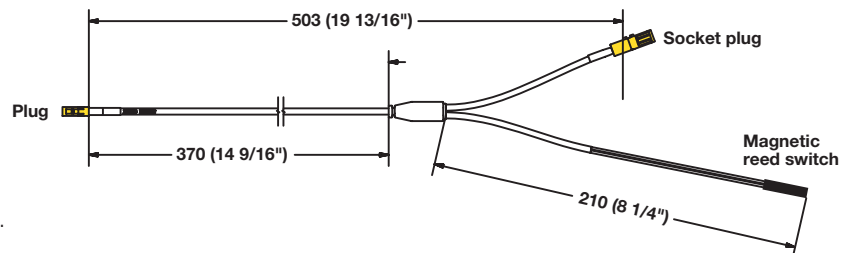
Note

For use with 12 V tunable white 2-wire LED strips and puck lights.

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.912) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.810) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.894). Please order separately, see pages 78–80.



Example of inline reed switch installation for controlling a single light.



Example of inline reed switch installation for controlling a drawer light.



Scan for video
instructions

12 V

TUNABLE WHITE

3-WIRE



12 V TUNABLE WHITE 3-WIRE

8 MM STRIP LIGHTS

LED 2064	page 84
LED 2070	page 85
Leads and connectors for 2064/2070	page 86

PUCK LIGHTS

LED 2091 and Trim rings	pages 87–89
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CONTROLS AND ACCESSORIES

6-Way distributor	page 90
Connect Mesh 4-way distributor and remote	page 91
Connect Mesh 6-way distributor with adapter	page 92
Magnetic reed switch	page 93
Extension leads	page 94
Y Distributor	page 95
DimTone/WarmTone wall switches	page 96
DimTone driver	page 97

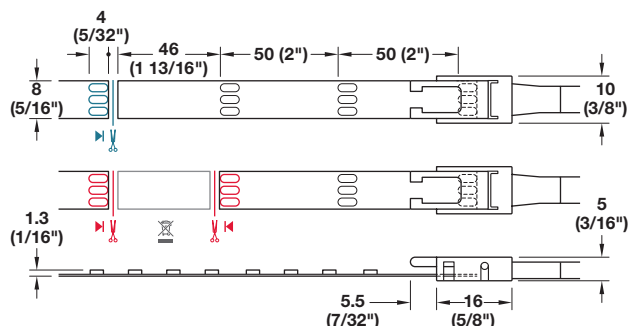

12
V

LED 2064

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 2 x 60/m; 2 x 18/ft.



Tunable white 3-wire



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

- > Tunable color temperature (2700–5000 K)
- > Multiple options for color temperature control

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Color temperature can be controlled with Connect Mesh distributor and wireless switch or remote control; with 6-way distributor with manual color temperature control; or with DimTone hardwired wall switch and driver. Please order separately, see pages 90–92 and 96–97.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°	
1025 lx	1075 lx		250 mm (9 13/16")
425 lx	445 lx		500 mm (19 11/16")
230 lx	245 lx		750 mm (29 1/2")
145 lx	150 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	425	130	89	833.74.352	833.74.353
5000	465	142	97		

Max. strip length (visual): 4.5 m (177 3/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

LEADS
p. 86

PROFILES
pp. 202–225

DRIVERS
pp. 284–291

SWITCHES
pp. 228–251

DISTRIBUTORS
pp. 254–259



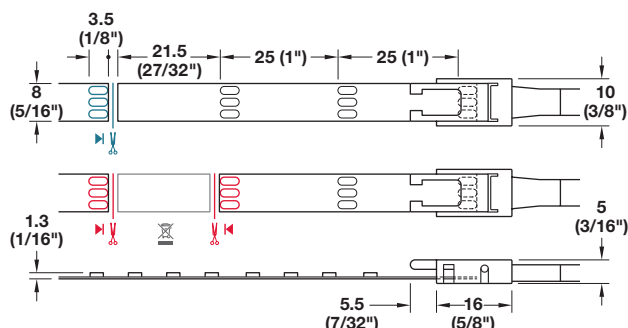

LED 2070

High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 2 x 120/m; 2 x 36/ft.



**12
V**

Tunable white 3-wire



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 25 mm (1")

- > Tunable color temperature (2700–5000 K)
- > Multiple options for color temperature control

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Color temperature can be controlled with Connect Mesh distributor and wireless switch or remote control; with 6-way distributor with manual color temperature control; or with DimTone hardwired wall switch and driver. Please order separately, see pages 90–92 and 96–97.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°		
1865 lx	2045 lx		250 mm	(9 13/16")
785 lx	865 lx		500 mm	(19 11/16")
430 lx	475 lx		750 mm	(29 1/2")
270 lx	295 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux lm/m	lm/ft.	Luminous efficacy lm/W	Length 5 m (196 7/8")	50 m (1968 1/2")*
2700	825	252	86	833.74.370	833.74.371
5000	930	284	97		

Max. strip length (visual): 3.5 m (137 13/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
p. 86



PROFILES
pp. 202–225



DRIVERS
pp. 284–291



SWITCHES
pp. 228–251



DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.

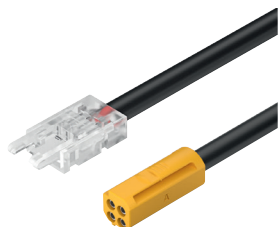


12
V

LED 2064/2070

3-wire

Leads and connectors, tunable white 3-wire



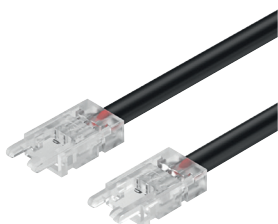
- > 3.5 A/20 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.93.742
2 m (78 3/4")	833.95.702



- > 3.5 A/20 AWG lead with female socket and clip
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.93.717



- > 3.5 A/20 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.89.197
500 mm (19 11/16")	833.89.198
2 m (78 3/4")	833.89.199

For use with 8 mm (5/16") 12 V or 24 V tunable white 3-wire LED strip lights



- > 3.5 A Clip connector
- > Supplied with: 10 pcs.

Item No.
833.89.208

For use with 8 mm (5/16") 12 V or 24 V tunable white 3-wire LED strip lights



- > 3.5 A Corner connector, 90° rigid, left or right
- > Supplied with: 10 pcs.

Item No.
833.89.188

For use with 8 mm (5/16") 12 V or 24 V tunable white 3-wire LED strip lights

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



LED 2091

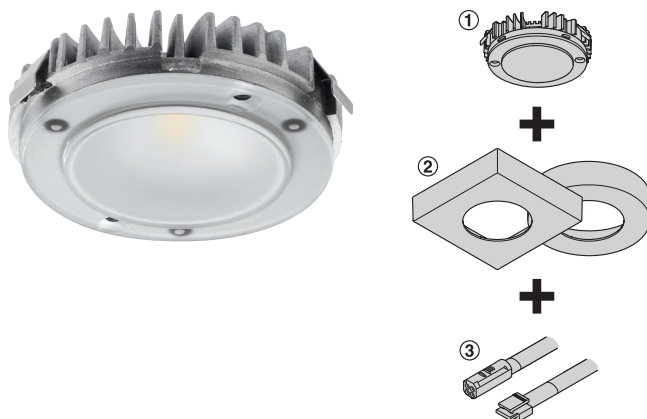
MODULAR PUCK LIGHT

High intensity
Wattage: 3.4 W
Diodes: 12



12
V

Drill hole Ø: 58 mm (2 5/16")



- > Tunable color temperature (2700–5000 K)
- > Multiple options for color temperature control
- > Customize appearance with wide selection of recess or surface mounted trim rings

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >55
- > Degree of protection: IP44 recess mounted
IP20 surface mounted

- > Material: Aluminum
- > Supplied with: 1 light

Color temperature K	Luminous flux lm/m	Luminous efficacy lm/W	Item No.
2700	240	72	833.72.478
5000	270	80	

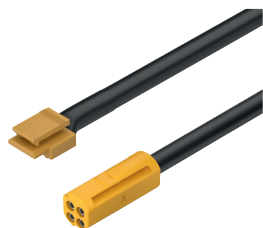
Note

Order trim ring and lead separately.

Color temperature can be controlled with Connect Mesh distributor and wireless switch or remote control; with 6-way distributor with manual color temperature control; or with DimTone hardwired wall switch and driver. Please order separately, see pages 90–92 and 96–97.

2700 K	5000 K	80°		
2000 lx	2100 lx		250 mm	(9 13/16")
520 lx	550 lx		500 mm	(19 11/16")
220 lx	235 lx		750 mm	(29 1/2")
120 lx	125 lx		1000 mm	(39 3/8")

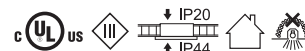
Modular lead, for tunable white 3-wire puck light



- > 1.5 A/24 AWG, with snap-in connector

Length	Item No.
2 m (78 3/4")	833.95.787

YOU MAY
ALSO NEED:

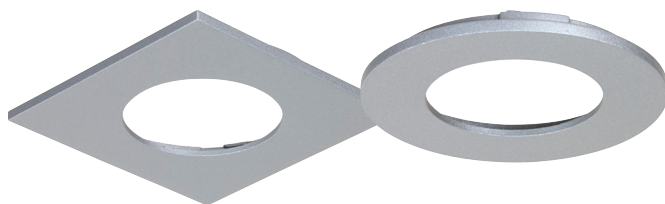


12
V

MODULAR PUCK TRIM RINGS

LED 2091

Metal recess mount trim ring, drill hole: Ø58 mm (2 5/16")

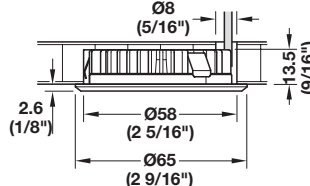


- > IP44 degree of protection
- > Material: Steel

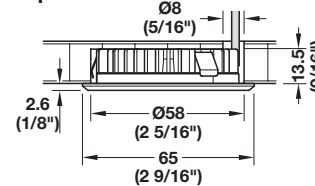
Color	Round	Square
silver colored	833.72.500	833.72.506
black	833.72.501	833.72.507
white	833.72.502	833.72.508
polished chrome colored	833.72.503	833.72.509
brass colored	833.72.504	833.72.510
copper colored	833.72.505	833.72.511



Round



Square



Plastic recess mount trim ring, drill hole: Ø58 mm (2 5/16")

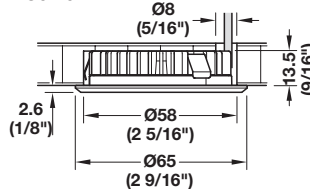


- > IP44 degree of protection
- > Material: Plastic

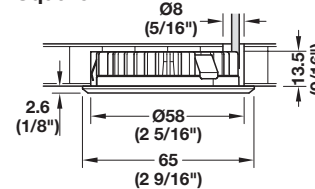
Color	Round	Square
black	833.72.168	833.72.172
anthracite	833.72.380	833.72.383
brown	833.72.381	833.72.384
matt nickel-plated	833.72.170	833.72.174
stainless steel colored	833.72.382	833.72.385
silver colored	833.72.126	833.72.127
white, RAL 9003	833.72.171	833.72.175



Round



Square



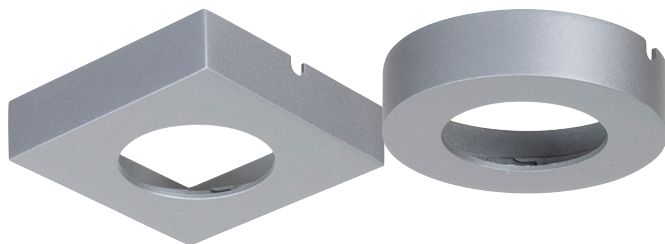
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

MODULAR PUCK TRIM RINGS

LED 2091

12
V

Metal surface mount trim ring

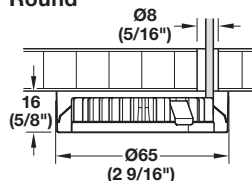


- > IP20 degree of protection
- > Material: Steel

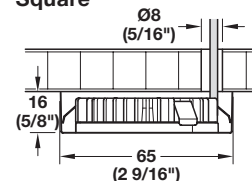
Color	Round	Square
silver colored	833.72.512	833.72.518
black	833.72.513	833.72.519
white	833.72.514	833.72.520
polished chrome colored	833.72.515	833.72.521
brass colored	833.72.516	833.72.522
copper colored	833.72.517	833.72.523



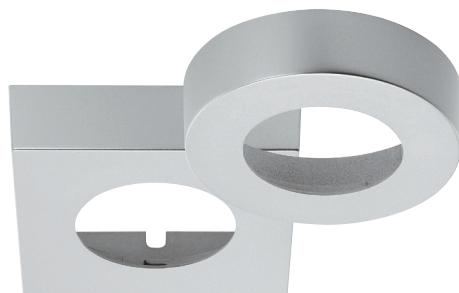
Round



Square

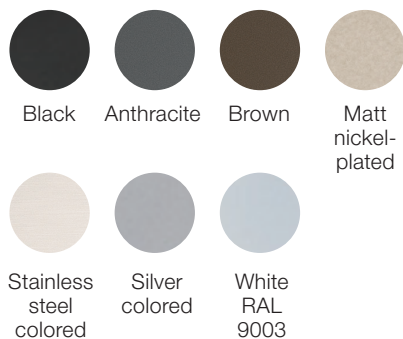


Plastic surface mount trim ring

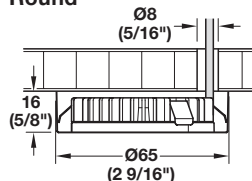


- > IP20 degree of protection
- > Material: Plastic

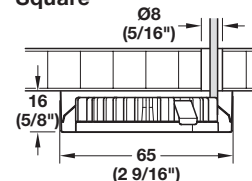
Color	Round	Square
black	833.72.160	833.72.164
anthracite	833.72.193	833.72.195
brown	833.72.192	833.72.196
matt nickel-plated	833.72.162	833.72.166
stainless steel colored	833.72.194	833.72.197
silver colored	833.72.124	833.72.125
white, RAL 9003	833.72.163	833.72.167



Round



Square

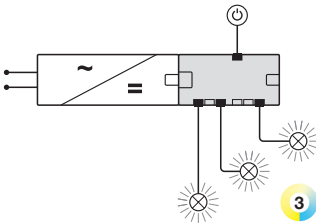
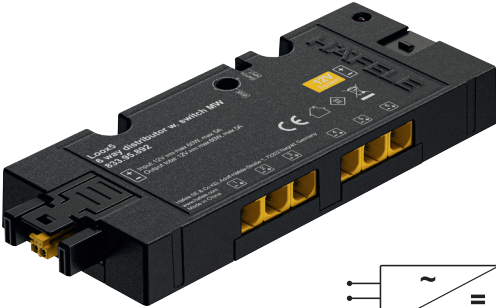


12
V

6-WAY DISTRIBUTOR WITH MANUAL COLOR TEMPERATURE CONTROL



For tunable white 3-wire, with switch port



- > Connect tunable white 3-wire lights directly without adapters
- > Change color temperature by pushing button on distributor; Bluetooth® or app is not required
- > Toggle between four color temperatures (2700 K, 3000 K, 4000 K, 5000 K)

- > For setting color temperature during installation; not designed for end-user control
- > On/Off and dimming is controlled with standard Loox wired switches connected to the switch port
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch socket
6 x output ports
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Max. connected wattage

60 W

Item No.

833.95.892

Note

Compatible with tunable white 3-wire 12 V LED strip and puck lights.



Scan for video
instructions

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

CONNECT MESH 4-WAY DISTRIBUTOR AND REMOTE

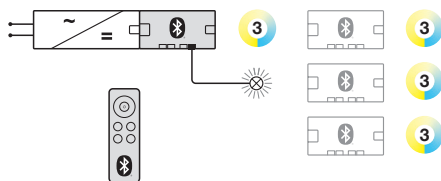
PRE-PAIRED SET FOR TUNABLE WHITE 3-WIRE

3

3-wire

12
V

Bluetooth® wireless control



Single Channel Functionality

By default, the remote controls all the lights together. When you select one of the four channels on the remote, the remote will only control the lights connected to the mesh box that was assigned to that channel during the pairing process.

- > Distributor and remote are "pre-paired"; app is not required
- > Tunable white 3-wire ports; no adapters needed
- > Ideal for smaller installations with up to 4 distributors and 1 remote control

- > For switching on/off, dimming (0–100%) and color temperature control for tunable white 3-wire lights
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
4 x output ports with 2-pin sockets for tunable white 3-wire lights
- > L x W x H: Distributor: 105 x 50 x 16 mm (4 1/8" x 2" x 5/8")
Remote control: 125 x 40 x 12 mm
(4 15/16" x 1 5/8" x 15/32")
- > Material/Color: Plastic, black
- > Supplied with:
1 Connect Mesh 4-way tunable white 3-wire distributor
1 remote control with CR2032 battery included

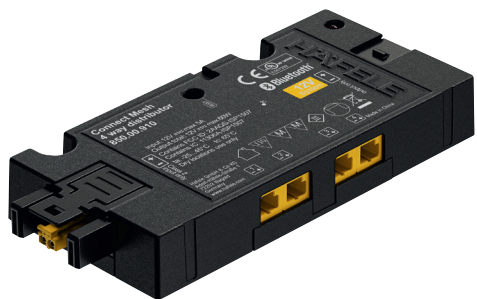
Voltage	Wattage capacity	Item No.
12 V	36 W	850.00.983

Ordering information

Connect Mesh pre-paired sets are expandable up to 4 distributors. Please order additional distributors separately.

For full Connect Mesh functionality with app control, please use the Connect Mesh 6-way distributor.

Bluetooth® Connect Mesh 4-way tunable white 3-wire distributor



- > Individual Connect Mesh tunable white-3-wire distributor for adding to existing pre-paired sets
- > Easily paired with remote; app is not required

- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 4-way tunable white 3-wire distributor

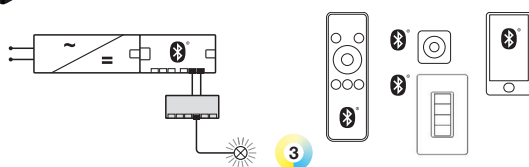
Voltage	Wattage capacity	Item No.
12 V	36 W	850.00.957

12
V

CONNECT MESH 6-WAY DISTRIBUTOR WITH TUNABLE WHITE 3-WIRE ADAPTER



Bluetooth® wireless control, with switch port



Use with Häfele Connect Mesh app 2.0



App 2.0
for Android™



App 2.0
for Apple iOS®

- > Full Connect Mesh functionality
- > Lights in the network can be controlled with any Häfele wireless or wired switch, or with mobile devices using the Häfele Connect Mesh app.

- > For switching on/off, dimming (0–100%) and color temperature control for tunable white 3-wire lights
- > With programmable switch port for standard Loox switches
- > Number of connections: 1 x input port with box-to-box plug
 - 1 x output port with box-to-box socket
 - 1 x input switch port
 - 6 x output ports with 2-pin sockets
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 6-way distributor

Voltage	Max. connected wattage	Item No.
12 V	60 W	850.00.042

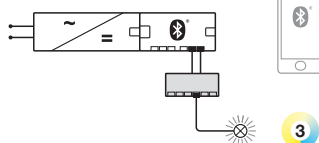
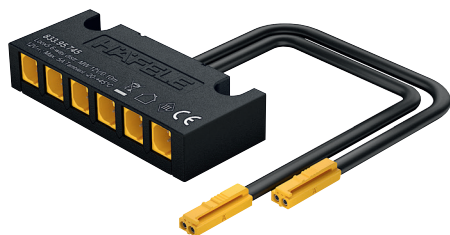
Note

Compatible with monochrome LED strip and puck lights; and with tunable white 3-wire and RGB lights with an adapter. Please order the tunable white 3-wire adapter separately.

Tunable white 2-wire lights are not compatible with Connect Mesh 6-way distributors.

TUNABLE WHITE 3-WIRE ADAPTER

Use with the Connect Mesh 6-way distributor



- > For connecting tunable white 3-wire lights to the Connect Mesh 6-way distributor

- > Number of connections: 2 x integrated cables with male plugs
 - 6 x output ports with 3-pin sockets for tunable white 3-wire LED strip or puck lights
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 tunable white 3-wire adapter with (2) 80 mm (3 1/8") integrated leads

Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.745

Note

Each tunable white 3-wire adapter occupies 2 adjacent output ports on the Connect Mesh 6-way distributor.

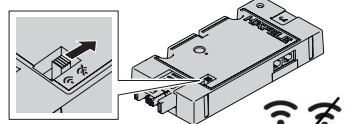


Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

3

CONNECT MESH 2-WAY DISTRIBUTOR FOR TUNABLE WHITE 3-WIRE

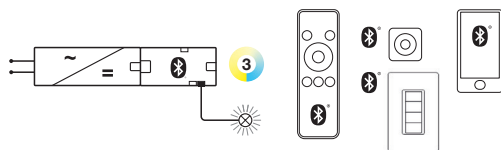

3-wire
12
V
 Switchable between wireless Bluetooth® and manual control modes


Use toggle switch to select wireless Bluetooth® mode or manual mode.

Wireless Bluetooth® mode



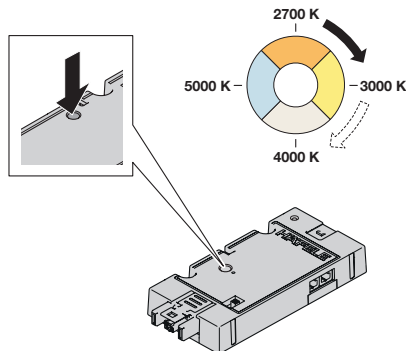
- > Control color temperature and light intensity wirelessly
- > Connect with any Häfele Connect Mesh wireless switch or remote with EasyPairing
- > Use Häfele Connect Mesh app 2.0 for full functionality or for customizing network settings



Manual Control mode



- > Control color temperature manually by pushing button on distributor; 4 selection options: 2700 K, 3000 K, 4000 K and 5000 K
- > Connect a wired switch to the switch port to control on/off and dimming
- > For wireless control of on/off/dimming, attach Connect Mesh receiver (850.00.860) to the switch port. Order separately. See page 241E.



- > Color temperature and dimming can be controlled wirelessly or manually
- > Switch port for wired switches/sensors can be used in either wireless or manual modes
- > 2 output ports; both output ports are controlled together
- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches and remotes

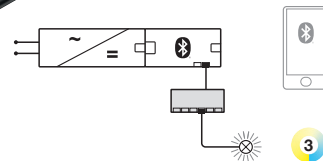
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch port
2 x output ports; operates as 1 control channel
- > L x W x H: 115 x 50 x 16 mm (4 1/2" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 2-way distributor

Voltage	Max. connected wattage	Item No.
12 V	60 W	850.00.841

Note

Compatible with tunable white 3-wire LED strip and puck lights. This item is replacing 850.00.957, 850.00.983 and 833.95.892.

6-WAY DISTRIBUTOR FOR TUNABLE WHITE 3-WIRE



- > For adding additional lights to 2-way Connect Mesh distributors
- > All lights operate as 1 control channel

- > Number of connections: 1 x Tunable White 3-wire cable with male 3-pin plug
6 x Tunable White 3-wire output ports
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Voltage	Max. connected wattage	Item No.
12 V	60 W	833.95.942

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



12
V

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Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

3

MAGNETIC REED SWITCH FOR TUNABLE WHITE 3-WIRE

12
V

With in-line lead cable



- > Ideal for controlling a single light e.g., drawer lights
- > Connects directly to a driver or distributor output port; the switch port is not required

- > Supplied with:
 - 1 magnetic reed switch cable with 1 plug/1 socket
 - 1 magnet

Voltage

12 V

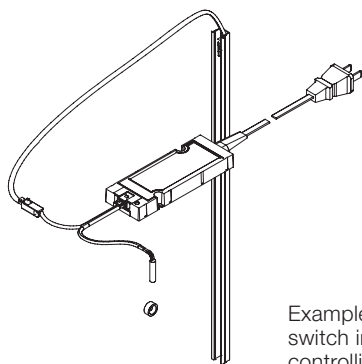
Item No.

833.02.856

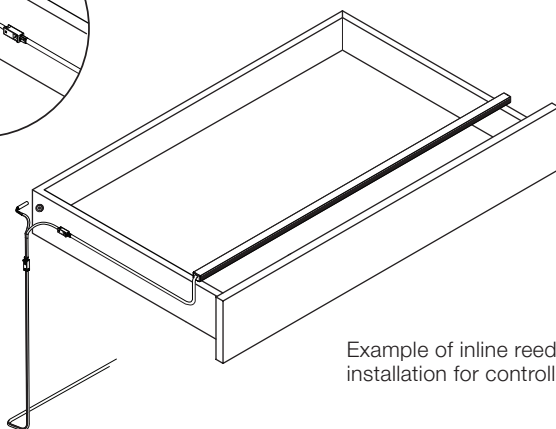
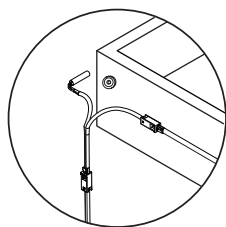
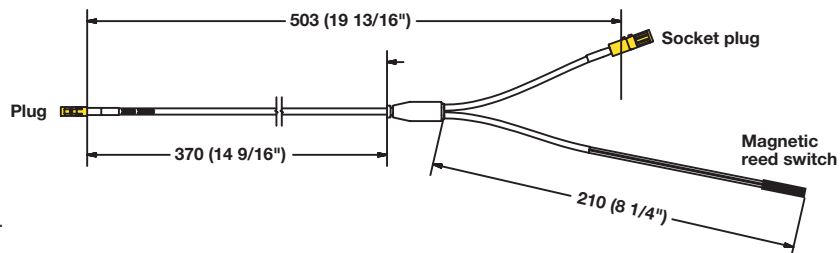
Note

For use with 12 V tunable white 3-wire LED strips and puck lights.

Color temperature can be controlled with Connect Mesh distributor and wireless switch or remote control; with 6-way distributor with manual color temperature control; or with DimTone hardwired wall switch and driver. Please order separately, see pages 90–92 and 96–97.



Example of inline reed switch installation for controlling a single light.



Example of inline reed switch installation for controlling a drawer light.



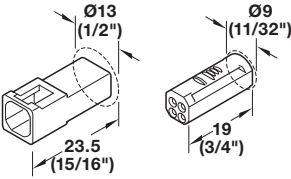
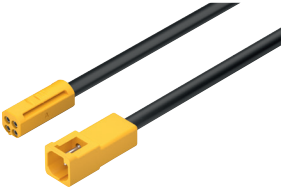
Scan for video
instructions

12
V

EXTENSION LEADS
FOR TUNABLE WHITE 3-WIRE



Extension leads



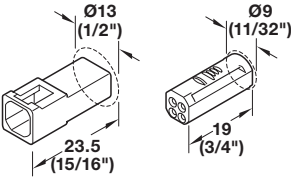
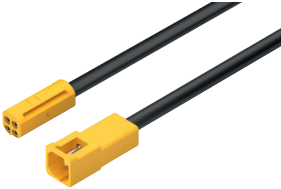
- > Current carrying capacity: Max. 3.5 A
- > Type of cable: 20 AWG
- > Length: 2 m (78 3/4")
- > Drill hole Ø: Plug 9 mm (11/32"); Socket 13 mm (1/2")
- > Material: Plastic
- > Supplied with: 1 extension lead, plug/socket

Note
Maximum lead length from the driver to the device is 10 m (32.8').

Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable. These lead to visible loss of brightness in the lights.

200 mm (7 7/8")	300 mm (11 13/16")	600 mm (23 5/8")	750 mm (29 1/2")	1 m (39 3/8")	2 m (78 3/4")
833.95.931	833.95.933	833.95.935	833.95.936	833.95.937	833.95.715

Extension lead, CL3R, for in-wall applications



- > Cable assemblies designed to be routed behind the dry wall
- Meets the following codes for wire and cable locations:**
 - > NEC article 411 Lighting systems operating at 30 V or less attached to Class 2 power
 - > NEC article 725.135 Installation of Class 2 cable
 - > NEC article 411.5 Specific Location Requirements

- > Current carrying capacity: Max. 3.5 A
- > Type of cable: Wire gauge: 20 AWG; Wire type: CL3R
 - Construction: 3-conductor, stranded copper
 - Rating: Class 2, double insulated
- > Drill hole Ø: Plug 9 mm (11/32"); Socket 13 mm (1/2")
- > Material: Plastic
- > Supplied with: 1 extension lead, plug/socket

Length	Item No.
2 m (78 3/4")	833.93.731

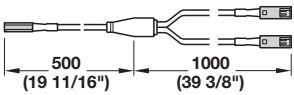
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Y DISTRIBUTOR FOR TUNABLE WHITE 3-WIRE



12
V

2-way, 1 male, 2 female



- > Max. connected wattage: 60 W
- > Material: Plastic
- > Supplied with: 1 lead, 1 plug/2 sockets

Length	Item No.
1.5 m (59 1/16")	833.93.738

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12
V

DIMTONE 2 HARDWIRED WALL SWITCH FOR TUNABLE WHITE 3-WIRE



3-wire

Wall switch with color temperature and dimming control



NEW
AND
IMPROVED

- > Now fits standard Decora style multi-switch wall plate
- > Smooth color temperature control
- > Flicker-free dimming - compliant to IEEE and Title 24
- > A single wall switch can control multiple drivers
- > Simple installation with no compatibility issues

- > For on/off, dimming (0–100%), and color temperature control of tunable white 3-wire lights
- > On/off rocker switch with side slide color temperature and dimming controls
- > Dimmer controls driver via wireless RF signal
- > Wattage: 600 W/m; 183 W/ft.
- > L x W x H: 119 x 75 x 41 mm (4 11/16" x 3 7/8" x 1 3/4")
- > Fits US Standard gang box
- > Material/Color: Plastic, white
- > Supplied with:
 - Wall plate
 - Mounting screws
 - Wire nuts
 - Installation instructions

Note

Use only in conjunction with DimTone dimmable driver.

Item No.

833.03.066

WARMTONE HARDWIRED WALL SWITCH FOR DIM-TO-WARM CONTROL OF TUNABLE WHITE 3-WIRE

Wall switch with dim-to-warm dimming control



- > While dimming, color temperature simultaneously is reduced, simulating incandescent lights
- > Flicker-free dimming - compliant to IEEE and Title 24
- > A single wall switch can control multiple drivers
- > Simple installation with no compatibility issues

- > For on/off, and dim-to-warm control
- > On/off rocker switch with side slide dimming/color temperature control
- > Color temperature ranges from 4000 K at 100% to 2700 K at 0%
- > Wattage: 600 W/m; 183 W/ft.
- > L x W x H: 119 x 75 x 41 mm (4 11/16" x 3 7/8" x 1 3/4")
- > Fits US Standard gang box
- > Material/Color: Plastic, white
- > Supplied with:
 - Wall plate
 - Mounting screws
 - Wire nuts
 - Installation instructions

Note

Use only in conjunction with DimTone dimmable driver.

Item No.

833.03.011

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



DIMTONE HARDWIRED DRIVER FOR TUNABLE WHITE 3-WIRE



12
V

Dimmable driver with color temperature control



- > Same wire set as a standard LED driver
- > Superior dimming - flicker free to 0.1%
- > No minimum load
- > Wiring compartment with knockouts for safe and easy installation

- > Input voltage: 120 V 60 Hz
- > L x W x H: 213 x 104 x 38 mm (8" x 4 1/8" x 1 1/2")
- > Supplied with:
 - Mounting screws
 - Wire nuts
 - Installation instructions

Wattage	Item No.
60 W	833.03.005

Note
Use only in conjunction with DimTone or WarmTone wall dimming and color temperature controls. For installation by a qualified electrician in accordance with all local and national electrical codes.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12 V

RGB
LIGHTS



12 V RGB LIGHTS

10 MM STRIP LIGHTS

LED 2080	page 100
Leads and connectors for 2080	page 101

PUCK LIGHTS

LED 2081	page 102
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CONTROLS AND ACCESSORIES

6-way distributor	page 103
Connect Mesh 4-way distributor and remote	page 104
Connect Mesh 6-way distributor	page 105
Extension leads	pages 106–107

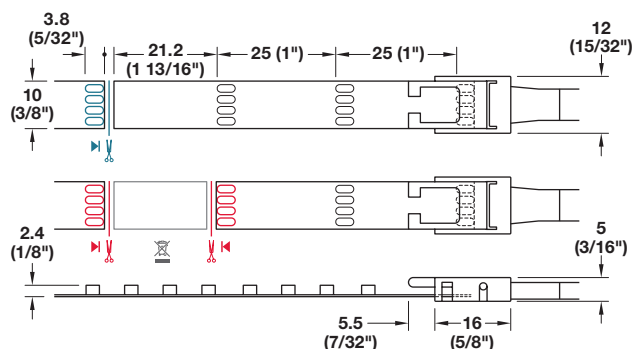
12
V

LED 2080

RGB STRIP LIGHT

Medium intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 120/m; 36/ft.

RGB, 10 mm (3/8")



> Mix red, green and blue to create desired color

- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 10 mm (3/8")
- > Height: 2.4 mm (1/8")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Luminous flux		Luminous efficacy	Length
lm/m	lm/ft.	lm/W	5 m (196 7/8")
530	162	51	833.74.380

Max. strip length (visual): 3 m (118 1/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Color can only be controlled via Connect Mesh distributor (850.00.985) and remote control or with 6-way distributor with manual RGB control (833.95.890). Please order separately, see pages 103–104.

- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 25 mm (1")

YOU MAY
ALSO NEED:

✓ LEADS
p. 101

✓ PROFILES
pp. 202–225

✓ DRIVERS
pp. 284–291

✓ SWITCHES
pp. 228–251

✓ DISTRIBUTORS
pp. 254–259



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



LED 2080

RGB STRIP LIGHT

Leads and connectors



- > 3.5 A/20 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.93.713
2 m (78 3/4")	833.95.704



- > 3.5 A/20 AWG lead with female socket and clip
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.93.719



- > 3.5 A/20 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.89.200
500 mm (19 11/16")	833.89.201
2 m (78 3/4")	833.89.202

For use with 12 V or 24 V RGB strip lights



- > 3.5 A Clip connector
- > Supplied with: 10 pcs.

Item No.
833.89.209

For use with 12 V or 24 V RGB strip lights



- > 3.5 A Corner connector, 90° rigid, left or right
- > Supplied with: 10 pcs.

Item No.
833.89.189

For use with 12 V or 24 V RGB strip lights

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12
V

LED 2081

RGB PUCK LIGHT

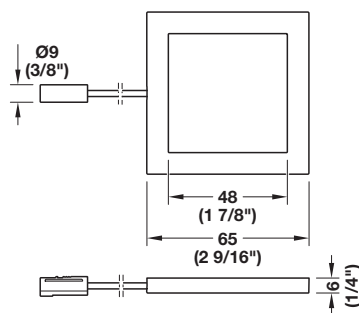
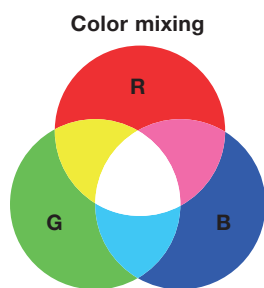
Low intensity
Wattage: 0.7 W
Diodes: 6

Surface mounted, 65 x 65 mm (2 9/16" x 2 9/16")



> Mix red, green and blue to create desired color

- > Height: 6 mm (1/4")
- > Degree of protection: IP20
- > Refraction angle: 115°
- > Material/Color: Plastic, silver colored
- > Supplied with:
1 light with pre-attached 2 m (78 3/4") lead
Mounting materials

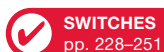


Luminous flux lm	Luminous efficacy lm/W	Item No.
20	29	833.74.127

Note

Color can only be controlled via Connect Mesh distributor (850.00.985) and remote control or with 6-way distributor with manual RGB control (833.95.890). Please order separately, see pages 103–104.

YOU MAY
ALSO NEED:



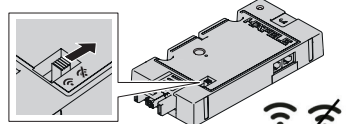
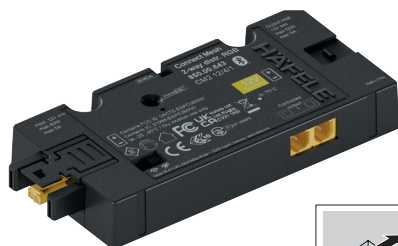


NEW

CONNECT MESH 2-WAY DISTRIBUTOR FOR RGB

12
V

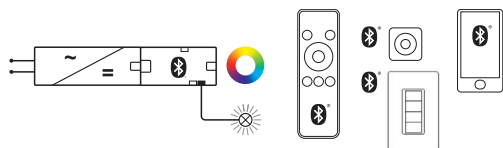
Switchable between wireless Bluetooth® and manual control modes



Use toggle switch to select wireless Bluetooth® mode or manual mode.

Wireless Bluetooth® mode

- > Control color selection and light intensity wirelessly
- > Connect with any Häfele Connect Mesh wireless switch or remote with EasyPairing
- > Use Häfele Connect Mesh app 2.0 for full functionality or for customizing network settings



Manual Control mode

- > Control color manually by pushing button on distributor; 8 color options: red, orange, yellow, green, cyan, blue, violet, magenta. With another push of the button, it will phase through each of the colors in an 80 second cycle
- > Connect a wired switch to the switch port to control on/off and dimming
- > For wireless control of on/off/dimming, attach Connect Mesh receiver (850.00.860) to the switch port. Order separately. See page 241E.

- > Color selection and dimming can be controlled wirelessly or manually
- > Switch port for wired switches/sensors can be used in either wireless or manual modes
- > 2 output ports; both output ports are controlled together
- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches and remotes

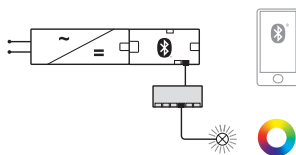
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch port
2 x output ports; operates as 1 control channel
- > L x W x H: 115 x 50 x 16 mm (4 1/2" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 2-way distributor

Voltage	Wattage capacity	Item No.
12 V	60 W	850.00.843

Note

Compatible with RGB LED strip and puck lights.
This item is replacing 850.00.959, 850.00.985 and 833.95.890.

6-WAY DISTRIBUTOR FOR RGB



- > For adding additional lights to 2-way Connect Mesh distributors
- > All lights operate as 1 control channel

- > Number of connections: 1 x RGB 4-wire cable with male 4-pin plug
6 x RGB 4-wire output ports
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Voltage	Max. connected wattage	Item No.
12 V	60 W	833.95.940

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

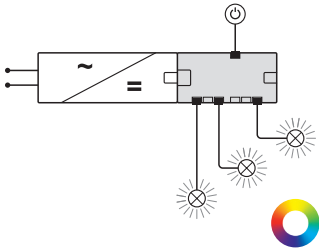
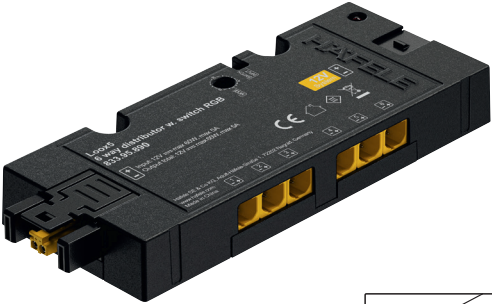


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6-WAY DISTRIBUTOR WITH MANUAL RGB COLOR CONTROL

For RGB lights, with switch port



- > Connect RGB lights directly without adapters
- > Change color by pushing button on distributor; Bluetooth® or app is not required
- > Toggle between eight colors (red, orange, yellow, green, cyan, blue, violet and magenta)
- > With another push of the button, colors will rotate through all the colors on an 80-second cycle

- > For setting preferred color during installation; not designed for end-user control
- > On/off and dimming is controlled with standard wired switches connected to the switch port
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch socket
6 x output ports
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Voltage	Max. connected wattage	Item No.
12 V	60 W	833.95.890

Note
Compatible with RGB LED strip and puck lights.



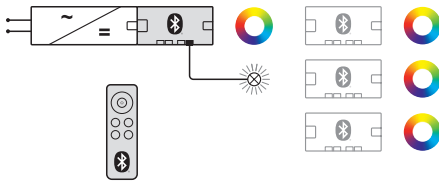
Scan for video instructions

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12
V

CONNECT MESH 4-WAY DISTRIBUTOR AND REMOTE PRE-PAIRED SET FOR RGB

 **Bluetooth® wireless control**



Single Channel Functionality

By default, the remote controls all the lights together. When you select one of the four channels on the remote, the remote will only control the lights connected to the mesh box that was assigned to that channel during the pairing process.

- > Distributor and remote are "pre-paired"; app is not required
- > RGB ports; no adapters needed
- > Ideal for smaller installations with up to 4 distributors and 1 remote control

- > For switching on/off, dimming (0–100%) and color selection for RGB lights
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
4 x output ports with 4-pin sockets for RGB lights
- > L x W x H: Distributor: 105 x 50 x 16 mm (4 1/8" x 2" x 5/8")
Remote control: 125 x 40 x 12 mm
(4 15/16" x 1 5/8" x 15/32")
- > Material/Color: Plastic, black
- > Supplied with:
1 Connect Mesh 4-way RGB distributor
1 remote control with CR2032 battery included

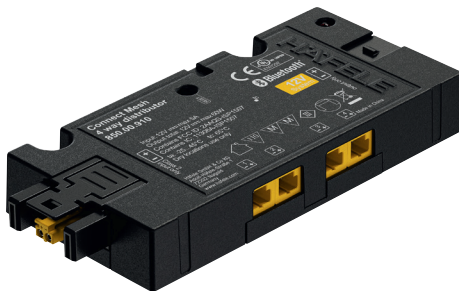
Voltage	Wattage capacity	Item No.
12 V	36 W	850.00.985

Ordering information

Connect Mesh pre-paired sets are expandable up to 4 distributors. Please order additional distributors separately.

For full Connect Mesh functionality with app control, please use the Connect Mesh 6-way distributor.

 **Bluetooth® Connect Mesh 4-way RGB distributor**



- > Individual Connect Mesh RGB distributor for adding to existing pre-paired sets
- > Easily paired with remote; app is not required

- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 4-way RGB distributor

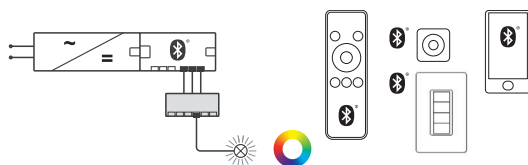
Voltage	Wattage capacity	Item No.
12 V	36 W	850.00.959



CONNECT MESH 6-WAY DISTRIBUTOR WITH RGB ADAPTER

12
V

Bluetooth® wireless control, with switch port



Use with Häfele Connect Mesh app 2.0



App 2.0
for Android™



App 2.0
for Apple iOS®

- > Full Connect Mesh functionality
- > Lights in the network can be controlled with any Häfele wireless or wired switch, or with mobile devices using the Häfele Connect Mesh app.

- > For switching on/off, dimming (0–100%) and color selection for RGB lights
- > With programmable switch port for standard Loox switches
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input port switch port
6 x output ports with 2-pin sockets
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 6-way distributor

Voltage	Max. connected wattage	Item No.
12 V	60 W	850.00.042

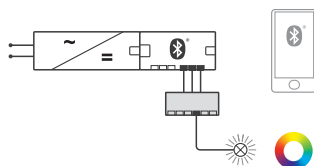
Note

Compatible with monochrome LED strip and puck lights; and with tunable white 3-wire and RGB lights with an adapter. Please order the RGB adapter separately.

Tunable white 2-wire lights are not compatible with Connect Mesh 6-way distributors.

RGB ADAPTER

Use with the Connect Mesh 6-way distributor



- > For connecting RGB lights to the Connect Mesh 6-way distributor

- > Number of connections: 3 x integrated cables with male plugs
6 x output ports with 4-pin sockets for RGB LED strip or puck lights
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 RGB adapter with (3) 80 mm (3 1/8") integrated leads

Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.746

Note

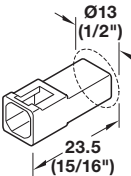
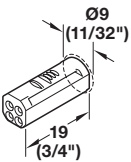
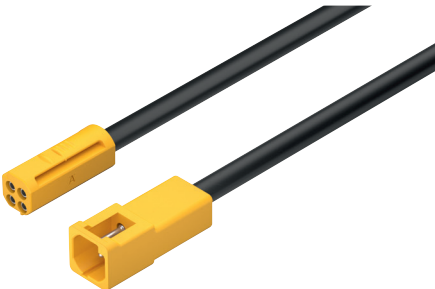
1 RGB adapter occupies 3 adjacent output ports on the Connect Mesh 6-way distributor.



12
V

EXTENSION LEAD FOR RGB

Extension lead



- > Current carrying capacity: Max. 3.5 A
- > Type of cable: 4-wire 20 AWG
- > Drill hole Ø: Plug 9 mm (11/32"), socket 13 mm (1/2")
- > Material: Plastic
- > Supplied with: 1 extension lead, plug/socket

Length

2 m (78 3/4")

Item No.

833.95.716

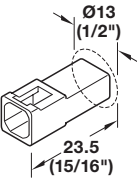
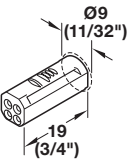
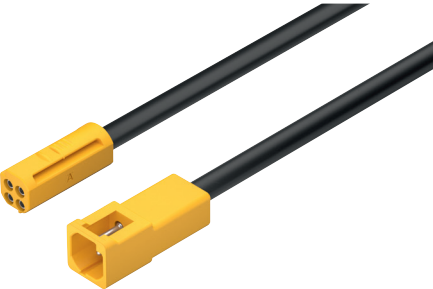
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



12
V

EXTENSION LEAD FOR RGB

Extension lead, CL3R, for in-wall installation



> Cable assemblies designed to be routed behind the dry wall

Meets the following codes for wire and cable locations:

- > NEC article 411 Lighting systems operating at 30 V or less attached to Class 2 power
- > NEC article 725.135 Installation of Class 2 cable
- > NEC article 411.5 Specific Location Requirements

- > Current carrying capacity: Max. 3.5 A
- > Type of cable: Wire gauge: 20 AWG; Wire type: CL3R
Construction: 4-conductor, stranded copper
Rating: Class 2, double insulated
- > Drill hole Ø: Plug 9 mm (11/32"), socket 13 mm (1/2")
- > Material: Plastic
- > Supplied with: 1 extension lead, plug/socket

Length	Item No.
2 m (78 3/4")	833.93.732

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

24 V

MONOCHROME **LIGHTS**



24 V MONOCHROME LIGHTS

Technical data pages 110–113

COB GOLD

LED 3103/3104/3105 pages 114–116

Leads and connectors for
3103/3104/3105 page 117

COB COMPLETE

LED 1300/1302 pages 118–119

8 MM STRIP LIGHTS

LED 3072 page 120

LED 3042 page 121

LED 3045 page 122

LED 3048 page 123

LED 3050/3051/3052 constant current . . . pages 124–126

Leads and connectors for
3072/3042/3045/3048/3050/3051/3052 . . . page 127

5 MM STRIP LIGHTS

LED 3040 page 128

LED 3041 page 129

Leads and connectors for 3040/3041 . . . page 130

SILICONE STRIP LIGHTS

LED 3099 flexible edge lit page 131

LED 3043 page 132

LED 3046 page 133

Leads and connectors for 3043/3046 . . . page 134

PUCK LIGHTS

LED 3059 page 135

Trim rings for 3059 pages 136–137

LED 3008 and trim rings pages 138–139

LED 3090 and trim rings pages 140–141

LED 3035/3036 page 142

LED 3066/3067 page 143

LED 3094 page 144

FLEXIBLE LIGHT

LED 3034 page 145

PRODUCT COMPARISON CHART

MONOCHROME LED STRIPS

24
V

LEDs/m			Color temperature	Illuminance lx distance				Wattage	Luminous flux		
			K	250 mm (9 13/16")	500 mm (19 11/16")	750 mm (29 1/2")	1000 mm (39 3/8")	W/m	lm/m	lm/ft.	
COB Gold, 8 mm (5/16")											
LED 3103											
	480	2700	585	250	145	90	4.8	430	131		
		3000	615	255	155	90		465	142		
		4000	655	275	160	100		500	152		
		5000	680	290	165	105		460	140		
LED 3104											
	480	2700	1436	571	305	186	9.6	850	259		
		3000	1486	592	322	195		900	274		
		4000	1580	638	344	211		980	299		
		5000	1584	651	350	213		900	274		
		6500	1595	660	360	225		910	277		
LED 3105											
	480	2700	1930	790	411	253	14.4	1235	377		
		3000	2098	843	455	277		1300	396		
		4000	2209	925	500	302		1400	427		
		5000	2116	863	468	284		1325	404		
COB Complete, 10 mm (3/8"), silicone sleeve											
LED 1300											
	480	3000	648	253	144	86	3.0	258	79		
		4000	699	289	157	95		285	87		
LED 1302											
	480	3000	2289	916	497	305	10.0	820	250		
		4000	2325	936	502	309		900	274		
Strip lights, 8 mm (5/16")											
LED 3072											
	120	2700	570	235	125	75	2.4	210	64		
		3000	585	240	130	80		230	70		
		4000	620	250	135	85		240	73		
		5000	620	250	135	85		240	73		
LED 3042											
	120	2700	1050	435	240	145	4.8	440	134		
		3000	1090	455	245	150		465	142		
		4000	1120	460	260	155		490	149		
		5000	1130	470	260	160		495	151		
LED 3045											
	120	2700	2145	900	480	300	9.6	920	280		
		3000	2250	940	505	310		970	296		
		4000	2300	950	510	320		1000	305		
		5000	2300	955	515	320		1040	317		
LED 3048											
	120	2700	2870	1210	665	415	14.4	1270	387		
		3000	3000	1270	695	430		1305	398		
		4000	3100	1310	715	445		1340	409		
		5000	3100	1320	715	450		1430	436		

24
V

	Luminous efficacy	Coloring rendering index	Available length					Max. strip length (visual)	Max. strip length wattage-dependent on the driver (m)		
			2.2 m (86 5/8")	5 m (196 7/8")	6.0 m (236 1/4")	15 m (590 9/16")	50 m (1968 1/2")		20 W	40 W	90 W
	lm/W	R _a /R ₉									
Current carrying capacity of strip light: 5 A											
90		>90/>50	-	833.76.500	-	-	833.76.505	8 m (314 15/16")	4.10	8.30	18.70
97			-	833.76.501	-	-	833.76.506				
104			-	833.76.502	-	-	833.76.507				
96			-	833.76.503	-	-	833.76.508				
89		>90/>50	-	833.76.510	-	-	833.76.515	5 m (196 7/8")	2.00	4.10	9.30
94			-	833.76.511	-	-	833.76.516				
102			-	833.76.512	-	-	833.76.517				
94			-	833.76.513	-	-	833.76.518				
95		>90/>50	-	833.76.540	-	-	833.76.545	4 m (157 1/2")	1.30	2.70	6.20
86			-	833.76.520	-	-	833.76.525				
90			-	833.76.521	-	-	833.76.526				
97			-	833.76.522	-	-	833.76.527				
92		>90/>50	-	833.76.523	-	-	833.76.528	10 m (393 11/16")	6.60	13.30	30.00
86			833.05.185	-	833.05.187	-	-				
95			833.05.195	-	833.05.197	-	-				
82			833.05.265	-	833.05.267	-	-				
90		>90/>50	833.05.275	-	833.05.277	-	-	7 m (275 9/16")	2.00	4.00	9.00
88			-	833.75.220	-	-	833.75.225				
96			-	833.75.221	-	-	833.75.226				
100			-	833.75.222	-	-	833.75.227				
100		>90/>50	-	833.75.223	-	-	833.75.228	15.5 m (610 7/32")	8.30	16.80	37.50
92			-	833.76.316	-	-	833.76.320				
97			-	833.76.317	-	-	833.76.321				
102			-	833.76.318	-	-	833.76.322				
103		>90/>50	-	833.76.319	-	-	833.76.323	12 m (472 7/16")	4.10	8.30	18.70
96			-	833.76.334	-	-	833.76.338				
101			-	833.76.335	-	-	833.76.339				
104			-	833.76.336	-	-	833.76.340				
108		>90/>50	-	833.76.337	-	-	833.76.341	12 m (472 7/16")	2.00	4.10	9.30
88			-	833.76.352	-	-	833.76.356				
91			-	833.76.353	-	-	833.76.357				
93			-	833.76.354	-	-	833.76.358				
99		>90/>50	-	833.76.355	-	-	833.76.359	6.2 m (244 1/18")	1.30	2.70	6.20
88			-	833.76.352	-	-	833.76.356				
91			-	833.76.353	-	-	833.76.357				
93			-	833.76.354	-	-	833.76.358				
99		>90/>50	-	833.76.355	-	-	833.76.359	6.2 m (244 1/18")	1.30	2.70	6.20
88			-	833.76.352	-	-	833.76.356				
91			-	833.76.353	-	-	833.76.357				
93			-	833.76.354	-	-	833.76.358				

PRODUCT COMPARISON CHART

MONOCHROME LED STRIPS

24
V

		LEDs/m	Color temperature	Illuminance lx distance				Wattage	Luminous flux		
				250 mm (9 13/16")	500 mm (19 11/16")	750 mm (29 1/2")	1000 mm (39 3/8")		W/m		
									lm/m	lm/ft.	
Strip lights, 8 mm (5/16")											
LED 3050 constant current											
	140	2700	2050	890	490	305	9.6	945	288		
		3000	2150	930	520	325		1030	314		
		4000	2205	990	545	335		1060	323		
		5000	2340	1010	550	340		1080	329		
LED 3051 constant current											
	140	2700	3150	1365	760	470	14.4	1430	436		
		3000	3170	1385	770	480		1520	463		
		4000	3190	1390	770	480		1605	489		
		5000	3200	1400	770	480		1650	503		
LED 3052 constant current											
	140	2700	4070	1750	970	600	19.2	1850	564		
		3000	4160	1780	990	620		2015	614		
		4000	4220	1800	1000	625		2050	625		
		5000	4260	1840	1020	630		2100	640		
Strip lights, 5 mm (3/16")											
LED 3040											
	120	2700	940	400	220	135	4.8	440	134		
		3000	970	420	235	145		460	140		
		4000	1000	430	240	145		480	146		
		5000	1030	430	240	145		495	151		
LED 3041											
	120	2700	1860	790	440	270	9.6	870	265		
		3000	1960	850	470	290		930	284		
		4000	2000	860	480	290		955	291		
		5000	2060	860	480	290		990	302		
Flexible edge lit strip lights, 4 x 10 mm (5/32" x 3/8"), silicone sleeve											
LED 3099											
	120	2700	820	190	85	50	9.6	500	152		
		3000	840	195	90	50		520	159		
		4000	845	205	100	55		540	165		
		5000	860	215	100	55		540	165		
Silicone strip lights, 10 mm (3/8"), silicone sleeve											
LED 3043											
	120	2700	920	390	215	135	4.8	415	126		
		3000	960	410	225	140		440	134		
		4000	975	415	230	145		455	139		
		5000	1010	425	235	145		460	140		
LED 3046											
	120	2700	1855	790	435	270	9.6	820	250		
		3000	1895	805	445	275		870	265		
		4000	1960	840	465	290		900	274		
		5000	2020	860	475	295		930	284		

24
V

	Luminous efficacy	Coloring rendering index	Available length				Max. strip length (visual)	Max. strip length wattage-dependent on the driver (m)		
	lm/W	R _a /R ₉	3 m (118 1/8")	5 m (196 7/8")	15 m (590 9/16")	50 m (1968 1/2")		20 W	40 W	90 W
Current carrying capacity of strip light: 5 A										
	98	>90/>50	-	833.76.362	-	833.76.366	9.0 m (354 5/16")	2.00	4.10	9.30
	107		-	833.76.363	-	833.76.367				
	110		-	833.76.364	-	833.76.368				
	113		-	833.76.365	-	833.76.369				
	99	>90/>50	-	833.76.370	-	833.76.374	6.2 m (244 1/8")	1.30	2.70	6.20
	106		-	833.76.371	-	833.76.375				
	111		-	833.76.372	-	833.76.376				
	115		-	833.76.373	-	833.76.377				
	96	>90/>50	-	833.76.378	-	833.76.382	4.6 m (181 1/8")	1.00	2.0	4.60
	105		-	833.76.379	-	833.76.383				
	107		-	833.76.380	-	833.76.384				
	109		-	833.76.381	-	833.76.385				
Current carrying capacity of strip light: 3.5 A										
	92	>90/>50	-	833.76.300	833.76.304	-	8 m (314 15/16")	4.10	8.30	17.50
	96		-	833.76.301	833.76.305	-				
	100		-	833.76.302	833.76.306	-				
	103		-	833.76.303	833.76.307	-				
	91	>90/>50	-	833.76.308	833.76.312	-	5.5 m (216 9/16")	2.00	4.10	8.70
	97		-	833.76.309	833.76.313	-				
	99		-	833.76.310	833.76.314	-				
	103		-	833.76.311	833.76.315	-				
Current carrying capacity of strip light: 5 A										
	52	>90/>50	833.75.260	-	-	-	3 m (118 1/18")	2.00	4.10	9.30
	54		833.75.261	-	-	-				
	56		833.75.262	-	-	-				
	56		833.75.263	-	-	-				
Current carrying capacity of strip light: 5 A										
	86	>90/>50	-	833.76.324	833.76.328	-	12 m (472 7/16")	4.10	8.30	18.70
	92		-	833.76.325	833.76.329	-				
	95		-	833.76.326	833.76.330	-				
	96		-	833.76.327	833.76.331	-				
	85	>90/>50	-	833.76.342	833.76.346	-	8 m (314 15/16")	2.00	4.10	9.30
	91		-	833.76.343	833.76.347	-				
	94		-	833.76.344	833.76.348	-				
	97		-	833.76.345	833.76.349	-				

NEW



LED 3103

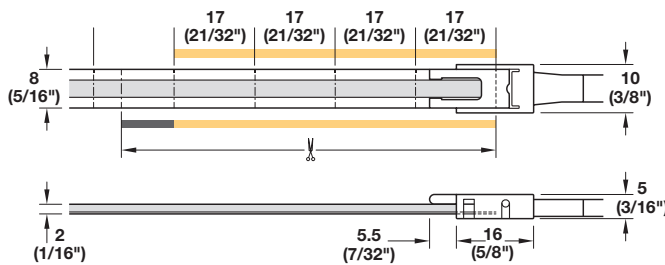
COB GOLD

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 480/m; 146/ft.

Monochrome, 8 mm (5/16")



- > Uniform light output; LED dots are not visible
- > Enables the use of shallow profiles



17 mm (21/32") cut points and continuous contacts allow LED strip to be shortened at exact desired lengths.

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 2 mm (1/16")
- > Material: Plastic
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K		150°
585 lx	615 lx	655 lx	680 lx		250 mm (9 13/16")
250 lx	255 lx	275 lx	290 lx		500 mm (19 11/16")
145 lx	155 lx	160 lx	165 lx		750 mm (29 1/2")
90 lx	90 lx	100 lx	105 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	430	131	90	833.76.500	833.76.505
3000	465	142	97	833.76.501	833.76.506
4000	500	152	104	833.76.502	833.76.507
5000	460	140	96	833.76.503	833.76.508

Max. strip length (visual): 8 m (314 15/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

LEADS
p. 117

PROFILES
pp. 202–225

DRIVERS
pp. 284–291

SWITCHES
pp. 228–251

DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.



NEW



LED 3104

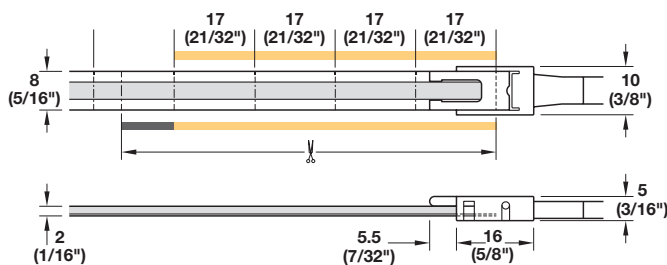
COB GOLD

High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 480/m; 146/ft.

Monochrome, 8 mm (5/16")



- > Uniform light output; LED dots are not visible
- > Enables the use of shallow profiles



- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 2 mm (1/16")
- > Material: Plastic
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

17 mm (21/32") cut points and continuous contacts allow LED strip to be shortened at exact desired lengths.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	6500 K	150°	
1436 lx	1486 lx	1580 lx	1584 lx	1595 lx		250 mm (9 13/16")
571 lx	592 lx	638 lx	651 lx	660 lx		500 mm (19 11/16")
305 lx	322 lx	344 lx	350 lx	360 lx		750 mm (29 1/2")
186 lx	195 lx	211 lx	213 lx	225 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	850	259	89	833.76.510	833.76.515
3000	900	274	94	833.76.511	833.76.516
4000	980	299	102	833.76.512	833.76.517
5000	900	274	94	833.76.513	833.76.518
6500	910	277	95	833.76.540	833.76.545

Max. strip length (visual): 5 m (196 7/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

LEADS
p. 117

PROFILES
pp. 202–225

DRIVERS
pp. 284–291

SWITCHES
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DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.



NEW



LED 3105

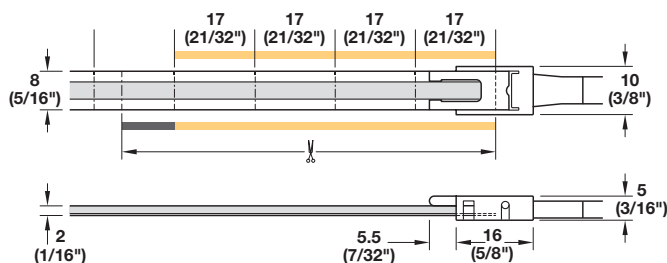
COB GOLD

Ultra high intensity
Wattage: 14.4 W/m; 4.5 W/ft.
Diodes: 480/m; 146/ft.

Monochrome, 8 mm (5/16")



- > Uniform light output; LED dots are not visible
- > Enables the use of shallow profiles



17 mm (21/32") cut points and continuous contacts allow LED strip to be shortened at exact desired lengths.

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 2 mm (1/16")
- > Material: Plastic
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	150°	
1930 lx	2098 lx	2209 lx	2116 lx		250 mm (9 13/16")
790 lx	843 lx	925 lx	863 lx		500 mm (19 11/16")
411 lx	455 lx	500 lx	468 lx		750 mm (29 1/2")
253 lx	277 lx	302 lx	284 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	1235	377	86	833.76.520	833.76.525
3000	1300	396	90	833.76.521	833.76.526
4000	1400	427	97	833.76.522	833.76.527
5000	1325	404	92	833.76.523	833.76.528

Max. strip length (visual): 4 m (157 1/2")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
p. 117



PROFILES
pp. 202–225



DRIVERS
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SWITCHES
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DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.

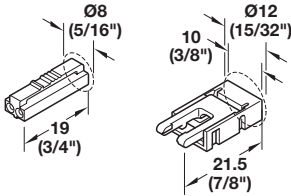


NEW

LED 3103/3104/3105

Leads and connectors for COB Gold, 8 mm (5/16")

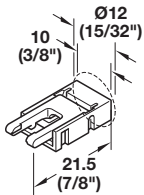
24
V



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.75.762
500 mm (19 11/16")	833.75.763
2 m (78 3/4")	833.75.764

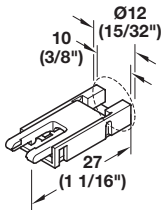
For use with 24 V COB Gold strip lights. Can also be used with 24 V COB Complete remnant pieces.



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.75.765
2 m (78 3/4")	833.75.766

For use with 12 V or 24 V COB Gold strip lights. Can also be used with COB Complete remnant pieces.



- > 5 A clip connector
- > Supplied with: 10 pcs.

	Item No.
	833.75.767

For use with 12 V or 24 V COB Gold strip lights. Can also be used with COB Complete remnant pieces.



- > Corner connector, 90°
- > Voltage: 12 V or 24 V
- > Width: 17 mm (11/16")
- > Length: 17 mm (11/16")
- > Clip width: 10 mm (3/8")
- > Supplied with: 10 pcs.

	Item No.
	833.89.318

For use with 8 mm (5/16") COB monochrome and COB tunable white 2-wire LED strip lights. Can also be used with COB Complete remnant pieces.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW



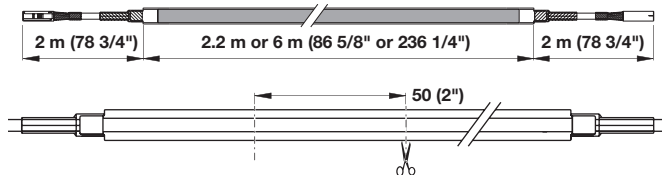
LED 1300

COB COMPLETE

Medium intensity
Wattage: 3 W/m; 0.9 W/ft.
Diodes: 480/m; 145/ft.

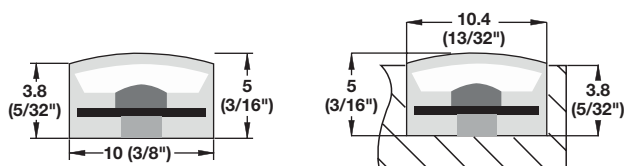
Monochrome, 10 mm (3/8")

24
V



> Can be shortened every 50 mm (2")

A 2 m (78 3/4") lead cable (5 A/18 AWG) is soldered on each end of the roll. Strip can be divided into 2 sections. Remnant sections can be used when combined with COB Gold leads. See page 117.



Recommended routing dimensions:

10.4 x 3.8 mm (13/32" x 5/32"). Leaves a 1.2 mm crown when installed. Silicone compresses when shelf is pushed against it.

Note

To maintain IP67 protection, use silicone end caps, 833.89.184. Please order separately, see page 43.

- > Encased in a silicone sleeve eliminating the need for a profile
- > Surface mounted or recessed
- > Each strip is supplied with leads pre-attached to each end
- > IP67 rating allows for this strip to be used almost anywhere

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP67 when used with silicone end caps
- > Lifetime: >40,000 h
- > Width: 10 mm (3/8")
- > Height: 5 mm (3/16")
- > Material/Color: Silicone, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll with 2 m (78 3/4") lead attached on both ends

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

3000 K	4000 K	120°		
648 lx	699 lx		250 mm	(9 13/16")
253 lx	289 lx		500 mm	(19 11/16")
144 lx	157 lx		750 mm	(29 1/2")
86 lx	95 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		2.2 m (86 5/8")	6 m (236 1/4")
3000	258	79	86	833.05.185	833.05.187
4000	285	87	95	833.05.195	833.05.197

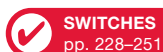
Max. strip length (visual): 10 m (393 11/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note

Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:



NEW



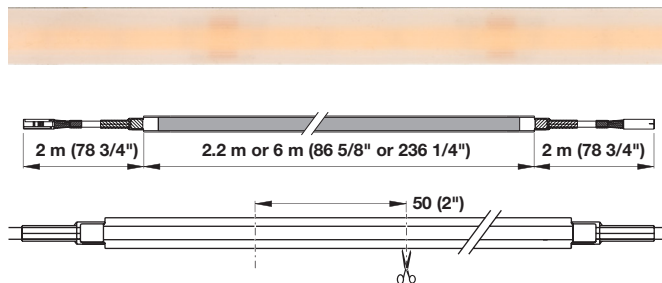
LED 1302

COB COMPLETE

High intensity
Wattage: 10 W/m; 3 W/ft.
Diodes: 480/m; 145/ft.

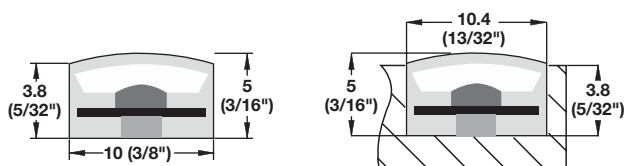
24 V

Monochrome, 10 mm (3/8")



> Can be shortened every 50 mm (2")

A 2 m (78 3/4") lead cable (5 A/18 AWG) is soldered on each end of the roll. Strip can be divided into 2 sections. Remnant sections can be used when combined with COB Gold leads. See page 117.



Recommended routing dimensions:

10.4 x 3.8 mm (13/32" x 5/32"). Leaves a 1.2 mm crown when installed. Silicone compresses when shelf is pushed against it.

Note

To maintain IP67 protection, use silicone end caps, 833.89.184. Please order separately, see page 43.

- > Encased in a silicone sleeve eliminating the need for a profile
- > Surface mounted or recessed
- > Each strip is supplied with leads pre-attached to each end
- > IP67 rating allows for this strip to be used almost anywhere

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP67 when used with silicone end caps
- > Lifetime: >40,000 h
- > Width: 10 mm (3/8")
- > Height: 5 mm (3/16")
- > Material/Color: Silicone, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll with 2 m (78 3/4") lead attached on both ends

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

3000 K	4000 K	120°		
2289 lx	2325 lx		250 mm (9 13/16")	
916 lx	936 lx		500 mm (19 11/16")	
497 lx	502 lx		750 mm (29 1/2")	
305 lx	309 lx		1000 mm (39 3/8")	

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		2.2 m (86 5/8")	6 m (236 1/4")
3000	820	250	82	833.05.265	833.05.267
4000	900	274	90	833.05.275	833.05.277

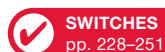
Max. strip length (visual): 7 m (275 9/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note

Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:



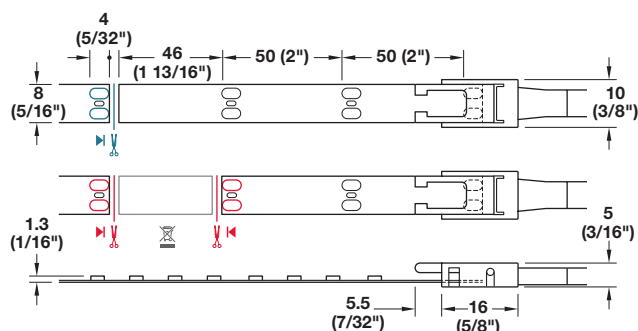


LED 3072

Low intensity
Wattage: 2.4 W/m; 0.75 W/ft.
Diodes: 120/m; 36/ft.

24
V

Monochrome, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

> Ideal for lighting cabinet interiors, drawers and other small spaces

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >30,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
570 lx	585 lx	620 lx	620 lx		250 mm (9 13/16")
235 lx	240 lx	250 lx	250 lx		500 mm (19 11/16")
125 lx	130 lx	135 lx	135 lx		750 mm (29 1/2")
75 lx	80 lx	85 lx	85 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy	Length	
	lm/m	lm/ft.	lm/W	5 m (196 7/8")	50 m (1968 1/2")*
2700	210	64	88	833.75.220	833.75.225
3000	230	70	96	833.75.221	833.75.226
4000	240	73	100	833.75.222	833.75.227
5000	240	73	100	833.75.223	833.75.228

Max. strip length (visual): 15.5 m (610 7/32")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

LEADS
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PROFILES
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DRIVERS
pp. 284–291

SWITCHES
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DISTRIBUTORS
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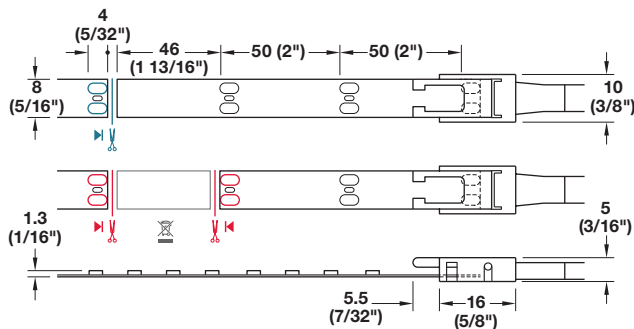


LED 3042

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 120/m; 36/ft.

24
V

Monochrome, 8 mm (5/16")



> Ideal for cabinet interior and ambient lighting applications

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
1050 lx	1090 lx	1120 lx	1130 lx		250 mm (9 13/16")
435 lx	455 lx	460 lx	470 lx		500 mm (19 11/16")
240 lx	245 lx	260 lx	260 lx		750 mm (29 1/2")
145 lx	150 lx	155 lx	160 lx		1000 mm (39 3/8")

- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

Color temperature K	Luminous flux		Luminous efficacy	Length	
	lm/m	lm/ft.	lm/W	5 m (196 7/8")	50 m (1968 1/2")*
2700	440	134	92	833.76.316	833.76.320
3000	465	142	97	833.76.317	833.76.321
4000	490	149	102	833.76.318	833.76.322
5000	495	151	103	833.76.319	833.76.323

Max. strip length (visual): 12 m (472 7/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
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PROFILES
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DRIVERS
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SWITCHES
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DISTRIBUTORS
pp. 254–259

Note
Suitable for use within
closet storage spaces
when utilized with profile
and lens.



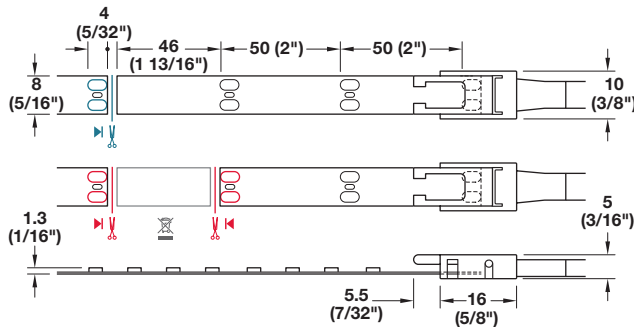


LED 3045

High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 120/m; 36/ft.

24
V

Monochrome, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

> Ideal for undercabinet and task lighting applications

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
2145 lx	2250 lx	2300 lx	2300 lx		250 mm (9 13/16")
900 lx	940 lx	950 lx	955 lx		500 mm (19 11/16")
480 lx	505 lx	510 lx	515 lx		750 mm (29 1/2")
300 lx	310 lx	320 lx	320 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	920	280	96	833.76.334	833.76.338
3000	970	296	101	833.76.335	833.76.339
4000	1000	305	104	833.76.336	833.76.340
5000	1040	317	108	833.76.337	833.76.341

Max. strip length (visual): 8 m 314 15/16"

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

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DISTRIBUTORS
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Note
Suitable for use within closet storage spaces when utilized with profile and lens.



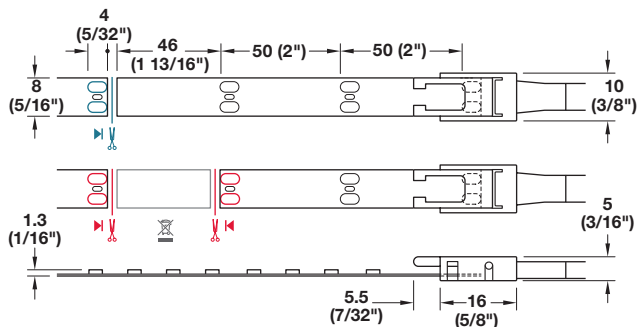


LED 3048

Ultra high intensity
Wattage: 14.4 W/m; 4.5 W/ft.
Diodes: 120/m; 36/ft.

24
V

Monochrome, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

> Ideal for store displays and other applications that require very bright lighting

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
2870 lx	3000 lx	3100 lx	3100 lx		250 mm (9 13/16")
1210 lx	1270 lx	1310 lx	1320 lx		500 mm (19 11/16")
665 lx	695 lx	715 lx	715 lx		750 mm (29 1/2")
415 lx	430 lx	445 lx	450 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Item No.	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	1270	387	88	833.76.352	833.76.356
3000	1305	398	91	833.76.353	833.76.357
4000	1340	409	93	833.76.354	833.76.358
5000	1430	436	99	833.76.355	833.76.359

Max. strip length (visual): 6.2 m 244 1/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

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Note
Suitable for use within closet storage spaces when utilized with profile and lens.





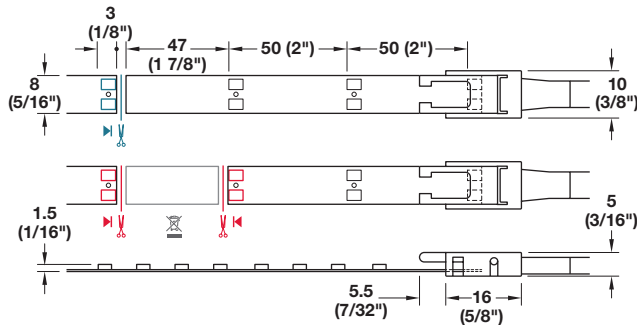
LED 3050

CONSTANT CURRENT

High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 140/m; 43/ft.

24
V

Monochrome, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

Constant current technology

- > Achieves uniform brightness over the entire strip light length
- > Increased lifetime, higher visual strip length and higher luminous efficacy

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >70,000 h
- > Width: 8 mm (5/16")
- > Height: 1.5 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
2050 lx	2150 lx	2205 lx	2340 lx		250 mm (9 13/16")
890 lx	930 lx	990 lx	1010 lx		500 mm (19 11/16")
490 lx	520 lx	545 lx	550 lx		750 mm (29 1/2")
305 lx	325 lx	335 lx	340 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	945	288	98	833.76.362	833.76.366
3000	1030	314	107	833.76.363	833.76.367
4000	1060	323	110	833.76.364	833.76.368
5000	1080	329	113	833.76.365	833.76.369

Max. strip length (visual): 9.0 m (354 5/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



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Note
Suitable for use within closet storage spaces when utilized with profile and lens.





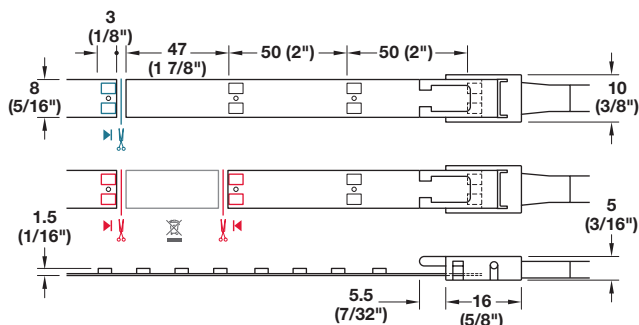
LED 3051

CONSTANT CURRENT

Ultra high intensity
Wattage: 14.4 W/m; 4.5 W/ft.
Diodes: 140/m; 43/ft.

24
V

Monochrome, 8 mm (5/16")



Constant current technology

- > Achieves uniform brightness over the entire strip light length
- > Increased lifetime, higher visual strip length and higher luminous efficacy

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >70,000 h
- > Width: 8 mm (5/16")
- > Height: 1.5 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

— Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)

— Connect LED strip lights
(two contact sides required)

> Can be shortened every 50 mm (2")

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
3150 lx	3170 lx	3190 lx	3200 lx		250 mm (9 13/16")
1365 lx	1385 lx	1390 lx	1400 lx		500 mm (19 11/16")
760 lx	770 lx	770 lx	770 lx		750 mm (29 1/2")
470 lx	480 lx	480 lx	480 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	1430	436	99	833.76.370	833.76.374
3000	1520	463	106	833.76.371	833.76.375
4000	1605	489	111	833.76.372	833.76.376
5000	1650	503	115	833.76.373	833.76.377

Max. strip length (visual): 6.2 m (244 1/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

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Note
Suitable for use within
closet storage spaces
when utilized with profile
and lens.



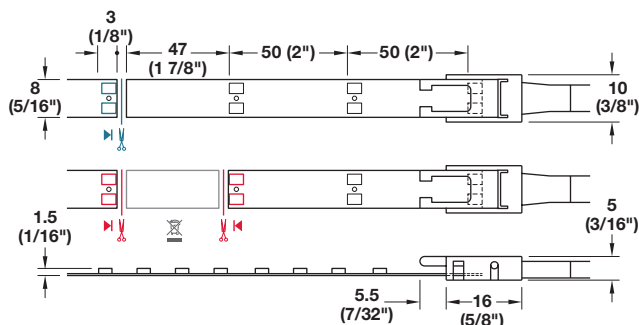


LED 3052

CONSTANT CURRENT

Ultra high intensity
Wattage: 19.2 W/m; 6.0 W/ft.
Diodes: 140/m; 43/ft.

Monochrome, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

Constant current technology

- > Achieves uniform brightness over the entire strip light length
- > Increased lifetime, higher visual strip length, higher luminous efficacy

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >70,000 h
- > Width: 8 mm (5/16")
- > Height: 1.5 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
4070 lx	4160 lx	4220 lx	4260 lx		250 mm (9 13/16")
1750 lx	1780 lx	1800 lx	1840 lx		500 mm (19 11/16")
970 lx	990 lx	1000 lx	1020 lx		750 mm (29 1/2")
600 lx	620 lx	625 lx	630 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	1850	564	96	833.76.378	833.76.382
3000	2015	614	105	833.76.379	833.76.383
4000	2050	625	107	833.76.380	833.76.384
5000	2100	640	109	833.76.381	833.76.385

Max. strip length (visual): 4.6 m (181 1/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



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NEW

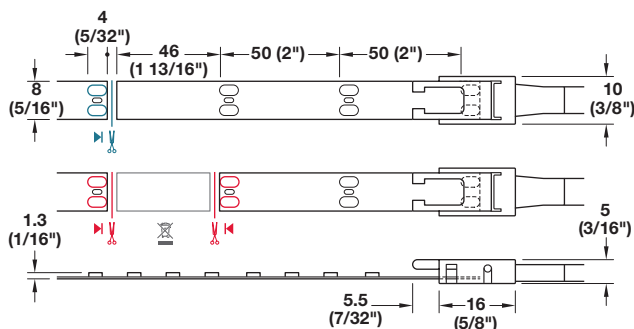


LED 3142

Medium intensity
Wattage: 3.0 W/m; 1.0 W/ft
Diodes: 160/m; 48/ft.

24
V

Monochrome, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

- > Ideal for cabinet interior and ambient lighting applications
- > High luminous efficacy
- > Equipped with high quality CREE LEDs

- > Color rendering index: R_a : 92
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: L80/B10: > 50,000 h
L70/B50: > 80,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
1050 lx	1090 lx	1120 lx	1130 lx		250 mm (9 13/16")
435 lx	455 lx	460 lx	470 lx		500 mm (19 11/16")
240 lx	245 lx	260 lx	260 lx		750 mm (29 1/2")
145 lx	150 lx	155 lx	160 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	440	134	147	833.76.215	833.76.445
3000	465	142	155	833.76.216	833.76.446
4000	490	149	163	833.76.217	833.76.447
5000	495	151	165	833.76.218	833.76.448

Max. strip length (visual): 11 m (433 5/64")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

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ALSO NEED:**LEADS**
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Note
Suitable for use within
closet storage spaces
when utilized with profile
and lens.





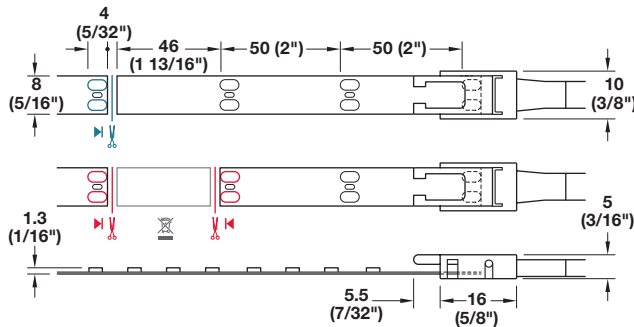
NEW

LED 3145

High intensity
Wattage: 6.0 W/m; 2.0 W/ft.
Diodes: 160/m; 48/ft.

24
V

Monochrome, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

- > Ideal for undercabinet and task lighting applications
- > High luminous efficacy
- > Equipped with high quality CREE LEDs

- > Color rendering index: R_a : 92
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: L80/B10: > 50,000 h
L70/B50: > 80,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
2145 lx	2250 lx	2300 lx	2300 lx		250 mm (9 13/16")
900 lx	940 lx	950 lx	955 lx		500 mm (19 11/16")
480 lx	505 lx	510 lx	515 lx		750 mm (29 1/2")
300 lx	310 lx	320 lx	320 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	920	280	153	833.76.225	833.76.455
3000	970	296	162	833.76.226	833.76.456
4000	1000	305	167	833.76.227	833.76.457
5000	1040	317	173	833.76.228	833.76.458

Max. strip length (visual): 6.5 m (255 29/32")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



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Note
Suitable for use within closet storage spaces when utilized with profile and lens.



NEW

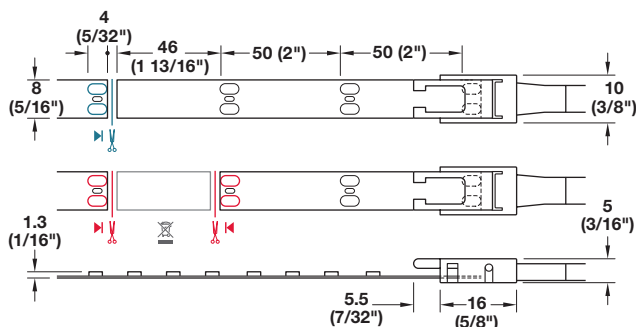


LED 3148

Extra high intensity
Wattage: 9.5 W/m; 3.0 W/ft.
Diodes: 160/m; 48/ft.

24
V

Monochrome, 8 mm (5/16")



- > Ideal for store displays and other applications that require very bright lighting
- > High luminous efficacy
- > Equipped with high quality CREE LEDs

- > Color rendering index: R_a : 92
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: L80/B10: > 50,000 h
L70/B50: > 80,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

— Cut LED strip light to length
(one contact side remains on the remainder piece;
reusable)

— Connect LED strip lights
(two contact sides required)

> Can be shortened every 50 mm (2")

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	6500 K	120°	
3085 lx	3140 lx	3225 lx	3385 lx	3400 lx		250 mm (9 13/16")
1240 lx	1245 lx	1275 lx	1285 lx	1300 lx		500 mm (19 11/16")
675 lx	685 lx	688 lx	690 lx	700 lx		750 mm (29 1/2")
415 lx	425 lx	430 lx	440 lx	450 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Item No.	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	1445	440	152	833.76.255	833.76.475
3000	1475	450	155	833.76.256	833.76.476
4000	1540	469	162	833.76.257	833.76.477
5000	1550	472	163	833.76.258	833.76.478
6500*	1520	463	160	833.76.259	833.76.479

Max. strip length (visual): 6 m (236 7/32")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

Note
Suitable for use within closet storage spaces when utilized with profile and lens.

YOU MAY
ALSO NEED:

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NEW

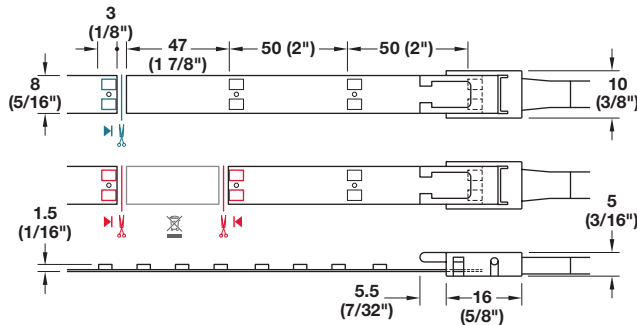
LED 3152

CONSTANT CURRENT

Ultra high intensity
Wattage: 13.0 W/m; 4.0 W/ft.
Diodes: 160/m; 48/ft.

24
V

Monochrome, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

Constant current technology

- > Ideal for applications that require very bright lighting
- > Achieves uniform brightness over the entire strip light length
- > Longer lifetime
- > High luminous efficacy
- > Equipped with high quality CREE LEDs

- > Color rendering index: R_a : 92
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: L80/B10: > 70,000 h
L70/B50: > 100,000 h
- > Width: 8 mm (5/16")
- > Height: 1.5 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
4070 lx	4160 lx	4220 lx	4260 lx		250 mm (9 13/16")
1750 lx	1780 lx	1800 lx	1840 lx		500 mm (19 11/16")
970 lx	990 lx	1000 lx	1020 lx		750 mm (29 1/2")
600 lx	620 lx	625 lx	630 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	1810	552	139	833.76.295	833.76.555
3000	1825	556	140	833.76.296	833.76.556
4000	1880	573	145	833.76.297	833.76.557
5000	1910	582	147	833.76.298	833.76.558

Max. strip length (visual): 7 m (275 19/32")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



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NEW

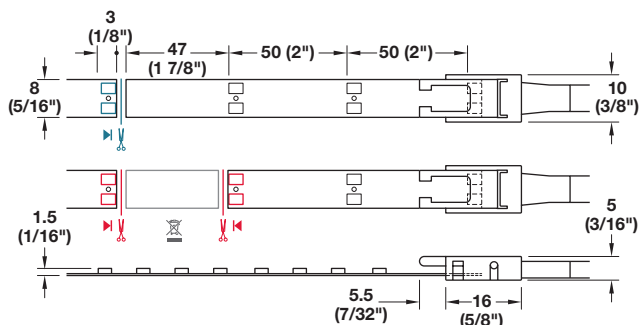


LED 3153

CONSTANT CURRENT

Maximum high intensity
Wattage: 19.2 W/m; 6.0 W/ft.
Diodes: 160/m; 48/ft.

Monochrome, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

Constant current technology

- > For applications that require the maximum amount of light intensity
- > Achieves uniform brightness over the entire strip light length
- > Longer lifetime
- > High luminous efficacy
- > Equipped with high quality CREE LEDs

- > Color rendering index: R_a : 92
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: L80/B10: > 70,000 h
L70/B50: > 100,000 h
- > Width: 8 mm (5/16")
- > Height: 1.5 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
6245 lx	6430 lx	6640 lx	6700 lx		250 mm (9 13/16")
2415 lx	2460 lx	2555 lx	2580 lx		500 mm (19 11/16")
1340 lx	1340 lx	1370 lx	1470 lx		750 mm (29 1/2")
835 lx	840 lx	880 lx	890 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	2530	771	132	833.76.145	833.76.565
3000	2630	802	137	833.76.146	833.76.566
4000	2760	841	144	833.76.147	833.76.567
5000	2770	844	144	833.76.148	833.76.568

Max. strip length (visual): 5 m (196 7/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
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Note

Suitable for use within closet storage spaces when utilized with profile and lens.



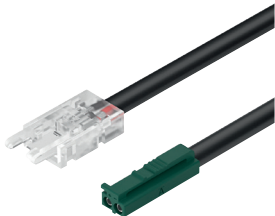
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LED 3072/3042/3045/3048/3050/3051/3052

Leads and connectors for LED strip lights, 8 mm (5/16")

24
V



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.75.743
500 mm (19 11/16")	833.95.707
2 m (78 3/4")	833.95.706



- > 5 A/18 AWG lead with female socket and clip
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.93.747



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.89.191
500 mm (19 11/16")	833.89.192
2 m (78 3/4")	833.89.193

For use with 8 mm (5/16") 12 V or 24 V strip lights



- > 5 A clip connector
- > Supplied with: 10 pcs.

	Item No.
	833.89.206

For use with 8 mm (5/16") 12 V or 24 V strip lights



- > 5 A corner connector, 90° rigid, left or right
- > Supplied with: 10 pcs.

	Item No.
	833.89.187

For use with 8 mm (5/16") 12 V or 24 V strip lights

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



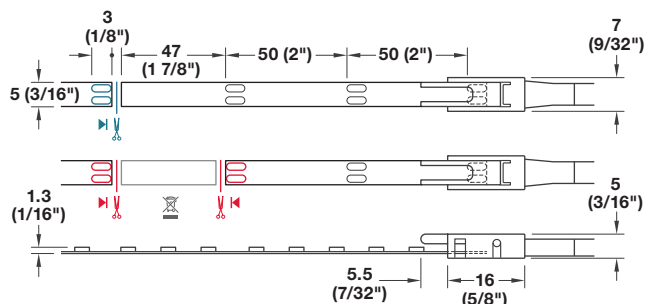
LED 3040

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 120/m; 36/ft.

Monochrome, 5 mm (3/16")



- > Extra narrow LED strip
- > Ideal for cabinet interior and ambient lighting applications



- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 5 mm (3/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
940 lx	970 lx	1000 lx	1030 lx		250 mm (9 13/16")
400 lx	420 lx	430 lx	430 lx		500 mm (19 11/16")
220 lx	235 lx	240 lx	240 lx		750 mm (29 1/2")
135 lx	145 lx	145 lx	145 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	15 m (590 9/16")*
2700	440	134	92	833.76.300	833.76.304
3000	460	140	96	833.76.301	833.76.305
4000	480	146	100	833.76.302	833.76.306
5000	495	151	103	833.76.303	833.76.307

Max. strip length (visual): 8 m (314 15/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

LEADS
p. 130

PROFILES
pp. 202–225

DRIVERS
pp. 284–291

SWITCHES
pp. 228–251

DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.





LED 3041

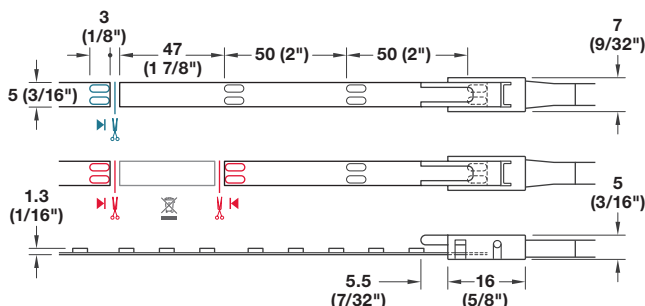
High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 120/m; 36/ft.

24
V

Monochrome, 5 mm (3/16")



- > Extra narrow LED strip
- > Ideal for undercabinet and task lighting applications



- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >90
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 5 mm (3/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
1860 lx	1960 lx	2000 lx	2060 lx		250 mm (9 13/16")
790 lx	850 lx	860 lx	860 lx		500 mm (19 11/16")
440 lx	470 lx	480 lx	480 lx		750 mm (29 1/2")
270 lx	290 lx	290 lx	290 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	15 m (590 9/16")*
2700	870	265	91	833.76.308	833.76.312
3000	930	284	97	833.76.309	833.76.313
4000	955	291	99	833.76.310	833.76.314
5000	990	302	103	833.76.311	833.76.315

Max. strip length (visual): 5.5 m (216 9/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

LEADS
p. 130

PROFILES
pp. 202–225

DRIVERS
pp. 284–291

SWITCHES
pp. 228–251

DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.

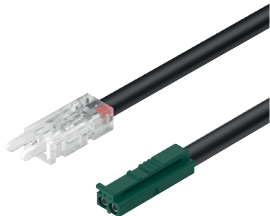




LED 3040/3041

24
V

Leads and connectors for LED strip lights, 5 mm (3/16")



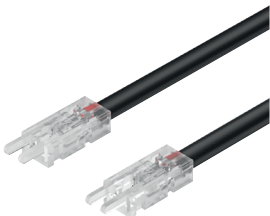
- > 3.5 A/20 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.93.741
2 m (78 3/4")	833.95.711



- > 3.5 A/20 AWG lead with female socket and clip
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.93.745



- > 3.5 A/20 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.89.194
500 mm (19 11/16")	833.89.195
2 m (78 3/4")	833.89.196

For use with 5 mm (3/16") 12 V or 24 V strip lights



- > 3.5 A clip connector
- > Supplied with: 10 pcs.

Item No.
833.89.207

For use with 5 mm (3/16") 12 V or 24 V strip lights



- > 3.5 A corner connector, 90° rigid, left or right
- > Supplied with: 10 pcs.

Item No.
833.89.190

For use with 5 mm (3/16") 12 V or 24 V strip lights

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

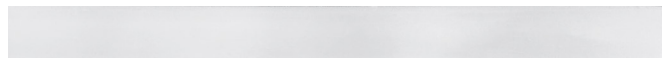
LED 3084

FLEXIBLE SLIM6 SILICONE

Medium intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 320/m; 96/ft.

24
V

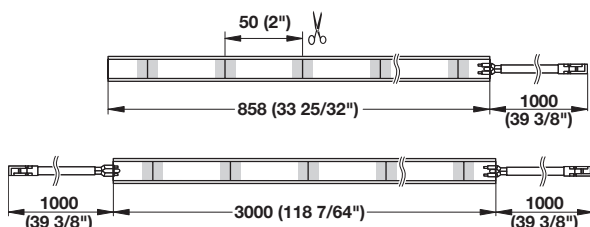
Monochrome, 6.5 X 6 mm (1/4" x 15/64"), silicone sleeve



Top of LED strip

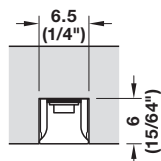


Bottom of LED strip



Cut marks visible on back of ribbon.

- > Can be shortened every 50 mm (2")
- > 0.85 m (33 25/32") roll is supplied with a 1 m (39 3/8") lead cable soldered on one end.
- > 3 m (118 7/64") roll is supplied with a 1 m (39 3/8") lead cable soldered on each end. The strip can be divided into two sections.



Installation in groove

- > For recessed installation in a 6.5 mm (1/4") wide x 6 mm (15/64") deep channel
- > Mounts flush with the panel
- > Ready to install. No additional profiles or leads required.
- > Flexible silicone allows for curved applications (radius min. 30 mm (1 3/16"))
- > Available in lengths: .85 m (33 25/32") with one pre-attached soldered lead; 3 m (118 7/64") with pre-attached soldered lead on each end
- > LED dots are not visible

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP44
- > Lifetime: L80/B10: >50,000 h
L70/B50: >80,000 h
- > Silicone sleeve width: 6.5 mm (1/4")
- > Silicone sleeve height: 6 mm (15/64")
- > Routing W x D: 6.5 x 6 mm (1/4" x 15/64")
- > Radius: min. 15 mm (19/32")
- > Material/Finish: Silicone, matte white
- > Mounting: For recess mounting; use 1/4" router bit
- > Supplied with: 0.85 m (33 25/32") roll: 1 LED strip with one attached 1 m (39 3/8") lead
3 m (118 7/64") roll: 1 LED strip with two attached 1 m (39 3/8") leads

Illuminance value in lx applies to 1 m (39 3/8") strip length:

3000 K	4000 K	120°		
950 lx	1020 lx		250 mm	(9 13/16")
380 lx	410 lx		500 mm	(19 11/16")
240 lx	255 lx		750 mm	(29 1/2")
135 lx	150 lx		1000 mm	(39 3/8")

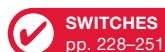
Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		.85 m (33 25/32")	3 m (118 7/64")
3000	680	207	71	833.75.356	833.75.366
4000	730	223	76	833.75.357	833.75.367

Max. strip length (visual): 3.5 m (138")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note
Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:



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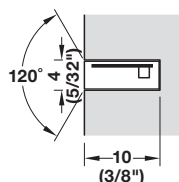
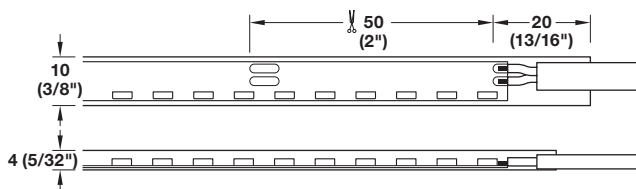
LED 3099

FLEXIBLE EDGE LIT SILICONE

Medium intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 120/m; 36/ft.

**24
V**

Monochrome, 4 x 10 mm (5/32" x 3/8"), silicone sleeve



> A 200 mm (8") lead cable (3.5 A / 20 AWG) is soldered on each end of the roll. Strip can be divided into two sections.

- > The light emits from the edge of the ribbon, LED dots are not visible
- > Mounts flush with the panel
- > Flexible silicone allows for curved applications (radius min. 30 mm (1 3/16"))
- > For recessed installation in a 4 mm (3/16") wide x 10 mm (3/8") deep channel

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP44
- > Lifetime: >50,000 h
- > Width: Strip: 8 mm (5/16")
Silicone sleeve: 10 mm (3/8")
- > Height: Silicone sleeve: 4 mm (5/32")
- > Routing D x W: 10 x 4 mm (3/8" x 5/32")
- > Radius min.: 30 mm (1 3/16")
- > Material/Finish: Silicone, matt white
- > Mounting: Self-adhesive
- > Supplied with: 1 LED strip with 200 mm (8") leads

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

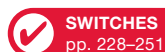
2700 K	3000 K	4000 K	5000 K	120°	
820 lx	840 lx	845 lx	860 lx		250 mm (9 13/16")
190 lx	195 lx	205 lx	215 lx		500 mm (19 11/16")
85 lx	90 lx	100 lx	100 lx		750 mm (29 1/2")
50 lx	50 lx	55 lx	55 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy		Length 3 m (118 1/8")
	lm/m	lm/ft.	lm/W		
2700	500	152	52		833.75.260
3000	520	159	54		833.75.261
4000	540	165	56		833.75.262
5000	540	165	56		833.75.263

Max. strip length (visual): 3 m (118 1/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

YOU MAY
ALSO NEED:



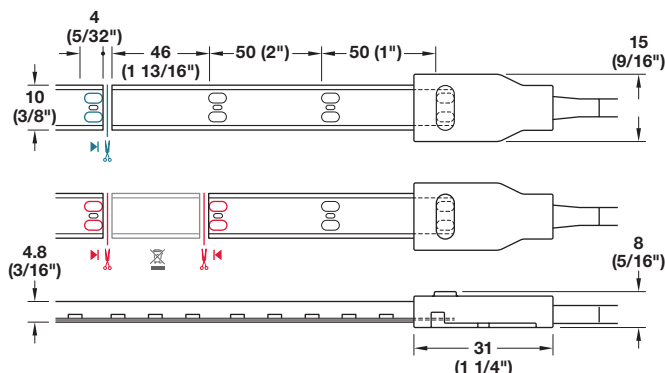


LED 3043

SILICONE

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 120/m; 36/ft.

Monochrome, 10 mm (3/8"), silicone sleeve



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

> Encased in silicone; a profile is not required
 > Ideal for damp locations such as bathrooms and around kitchen sinks

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP44 with IP44 leads and end caps
- > Lifetime: >50,000 h
- > Width: Strip: 8 (5/16")
Silicone sleeve: 10 (3/8")
- > Height: Strip: 1.3 mm (1/16")
Silicone sleeve: 4.8 mm (3/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
920 lx	960 lx	975 lx	1010 lx		250 mm (9 13/16")
390 lx	410 lx	415 lx	425 lx		500 mm (19 11/16")
215 lx	225 lx	230 lx	235 lx		750 mm (29 1/2")
135 lx	140 lx	145 lx	145 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy	Length	
	lm/m	lm/ft.	lm/W	5 m (196 7/8")	15 m (590 9/16")
2700	415	126	86	833.76.324	833.76.328
3000	440	134	92	833.76.325	833.76.329
4000	455	139	95	833.76.326	833.76.330
5000	460	140	96	833.76.327	833.76.331

Max. strip length (visual): 12 m (472 7/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note

To maintain IP44 protection, use silicone end caps 833.89.184. Please order separately, see page 134.

YOU MAY
ALSO NEED:



LEADS
p. 134



SWITCHES
pp. 228–251



DRIVERS
pp. 284–291



DISTRIBUTORS
pp. 254–259





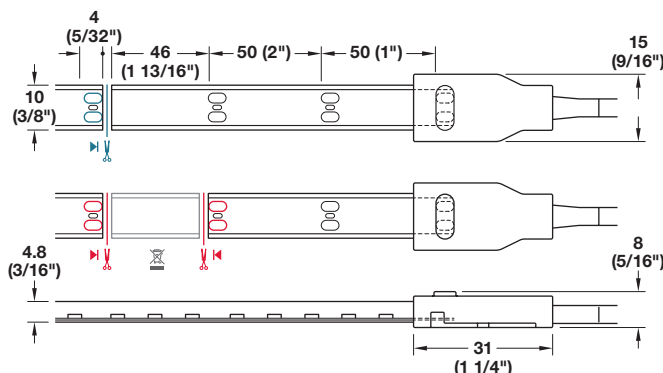
LED 3046

SILICONE

Medium intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 120/m; 36/ft.

**24
V**

Monochrome, 10 mm (3/8"), silicone sleeve



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

> Encased in silicone; a profile is not required
 > Ideal for damp locations such as bathrooms and around kitchen sinks

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP44 with IP44 leads and end caps
- > Lifetime: >50,000 h
- > Width: Strip: 8 (5/16")
Silicone sleeve: 10 (3/8")
- > Height: Strip: 1.3 mm (1/16")
Silicone sleeve: 4.8 mm (3/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	3000 K	4000 K	5000 K	120°	
1855 lx	1895 lx	1960 lx	2020 lx		250 mm (9 13/16")
790 lx	805 lx	840 lx	860 lx		500 mm (19 11/16")
435 lx	445 lx	465 lx	475 lx		750 mm (29 1/2")
270 lx	275 lx	290 lx	295 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	15 m (590 9/16")
2700	820	250	85	833.76.342	833.76.346
3000	870	265	91	833.76.343	833.76.347
4000	900	274	94	833.76.344	833.76.348
5000	930	284	97	833.76.345	833.76.349

Max. strip length (visual): 8 m (314 15/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note

To maintain IP44 protection, use silicone end caps 833.89.184. Please order separately, see page 134.

YOU MAY
ALSO NEED:

LEADS
p. 134

SWITCHES
pp. 228–251

DRIVERS
pp. 284–291

DISTRIBUTORS
pp. 254–259





LED 3043/3046

SILICONE

24
V

Leads and connectors for LED strip lights, 10 mm (3/8")

Degree of protection

IP44 - Indicates the degree of protection against solid objects larger than 1 mm and splashing water from all directions. While not fully waterproof, IP44 rated strips work well in areas such as bathrooms and around kitchen sinks.

IP44 leads, connectors and end caps

For bathrooms and other applications that require protection from splashes and damp conditions, use the following leads and end caps.



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug/clip cover

Length	Item No.
2 m (78 3/4")	833.95.709



- > Silicone stripping tool

Item No.
006.13.485



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip/clip covers

Length	Item No.
50 mm (2")	833.89.203
500 mm (19 11/16")	833.89.204
2 m (78 3/4")	833.89.205



- > End cap set with adhesive
- > For sealing the shortened silicone sleeve; achieves degree of protection IP44
- > Supplied with: 5 pcs. with 5 ml adhesive

Item No.
833.89.184

IP20 leads and connectors

For dry indoor locations, the leads below can be used. Silicone end caps are not required when LED strips are installed in dry locations.



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.75.743
500 mm (19 11/16")	833.95.707
2 m (78 3/4")	833.95.706



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.89.191
500 mm (19 11/16")	833.89.192
2 m (78 3/4")	833.89.193



- > 5 A/18 AWG lead with female socket and clip
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.93.747



- > 5 A clip connector
- > Supplied with: 10 pcs.

Item No.
833.89.206



- > 5 A corner connector, 90° rigid, left or right
- > Supplied with: 10 pcs.

Item No.
833.89.187



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

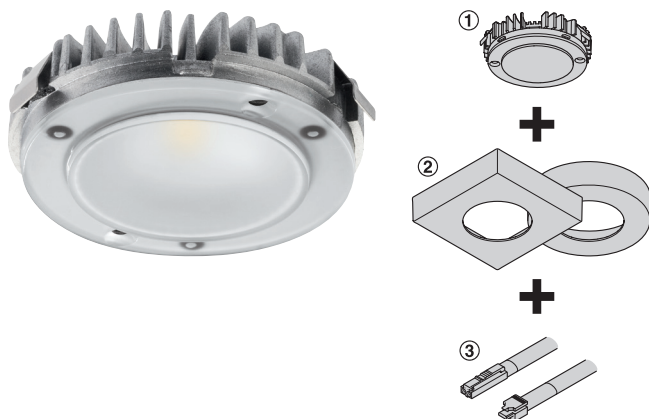


LED 3059

Medium intensity
Wattage: 1.8 W
Diodes: 6

24
V

Modular, drill hole Ø: 58 mm (2 5/16")



- > High efficacy puck light; high lumens/watt
- > Can be recess or surface mounted
- > Customize appearance with broad selection of trim rings

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >55
- > Degree of protection: IP44 recess mounted
IP20 surface mounted
- > Material: Aluminum
- > Supplied with: 1 light

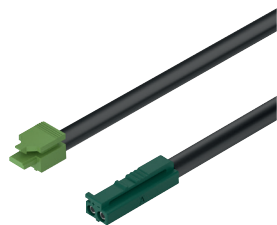
Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
2700	205	114	833.75.455
3000	215	119	833.75.456
4000	220	122	833.75.457
5000	225	125	833.75.458

Note

Order lead and trim ring separately.

2700 K	3000 K	4000 K	5000 K		80°
1655 lx	1645 lx	1628 lx	1665 lx		250 mm (9 13/16")
381 lx	427 lx	426 lx	433 lx		500 mm (19 11/16")
183 lx	188 lx	190 lx	192 lx		750 mm (29 1/2")
101 lx	106 lx	107 lx	107 lx		1000 mm (39 3/8")

Lead for modular puck lights



- > Supplied with: 1 modular lead

Length	Cable type	Item No.
1 m (39 3/8")	5.0 A/18 AWG	833.95.836
2 m (78 3/4")	1.5 A/24 AWG	833.95.791

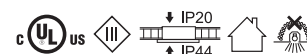
Note

Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:
 TRIM RINGS
pp. 136–137

 SWITCHES
pp. 228–251

 DRIVERS
pp. 284–291

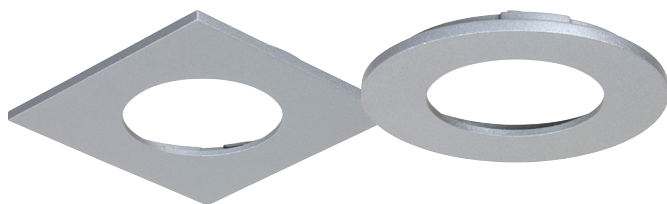
 DISTRIBUTORS
pp. 254–259


MODULAR PUCK TRIM RINGS

LED 3059

24
V

Metal recess mount trim ring, drill hole: Ø58 mm (2 5/16")

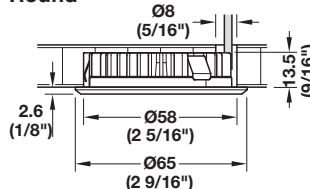


- > IP44 degree of protection
- > Material: Steel

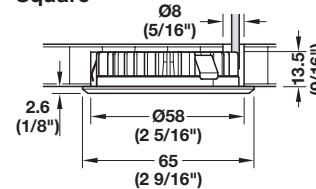
Color	Round	Square
silver colored	833.72.500	833.72.506
black	833.72.501	833.72.507
white	833.72.502	833.72.508
polished chrome colored	833.72.503	833.72.509
brass colored	833.72.504	833.72.510
copper colored	833.72.505	833.72.511



Round



Square



Plastic recess mount trim ring, drill hole: Ø58 mm (2 5/16")

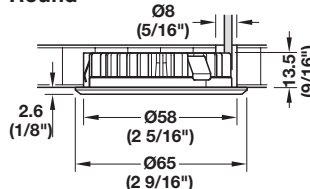


- > IP44 degree of protection
- > Material: Plastic

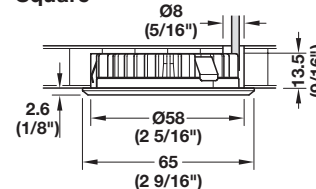
Color	Round	Square
black	833.72.168	833.72.172
anthracite	833.72.380	833.72.383
brown	833.72.381	833.72.384
matt nickel-plated	833.72.170	833.72.174
stainless steel colored	833.72.382	833.72.385
silver colored	833.72.126	833.72.127
white, RAL 9003	833.72.171	833.72.175



Round



Square



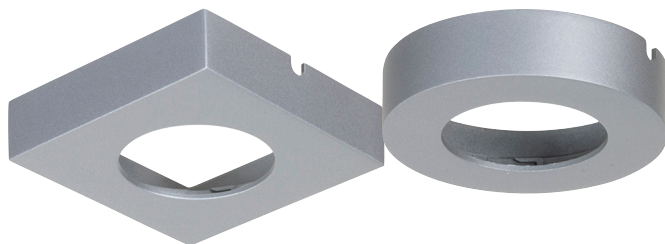
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

MODULAR PUCK TRIM RINGS

LED 3059

24
V

Metal surface mount trim ring



- > IP20 degree of protection
- > Material: Steel

Color	Round	Square
silver colored	833.72.512	833.72.518
black	833.72.513	833.72.519
white	833.72.514	833.72.520
polished chrome colored	833.72.515	833.72.521
brass colored	833.72.516	833.72.522
copper colored	833.72.517	833.72.523

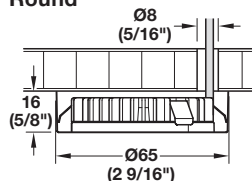


Black

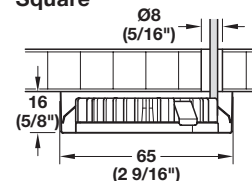
White

Polished
chromeBrass
coloredCopper
coloredSilver
colored

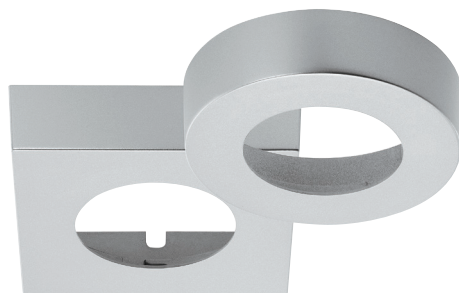
Round



Square

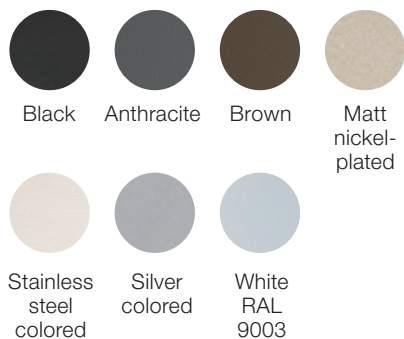


Plastic surface mount trim ring



- > IP20 degree of protection
- > Material: Plastic

Color	Round	Square
black	833.72.160	833.72.164
anthracite	833.72.193	833.72.195
brown	833.72.192	833.72.196
matt nickel-plated	833.72.162	833.72.166
stainless steel colored	833.72.194	833.72.197
silver colored	833.72.124	833.72.125
white, RAL 9003	833.72.163	833.72.167



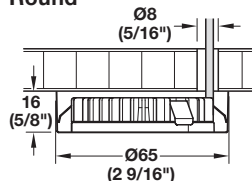
Black

Anthracite

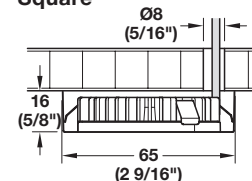
Brown

Matt
nickel-
platedStainless
steel
coloredSilver
coloredWhite
RAL
9003

Round



Square



NEW

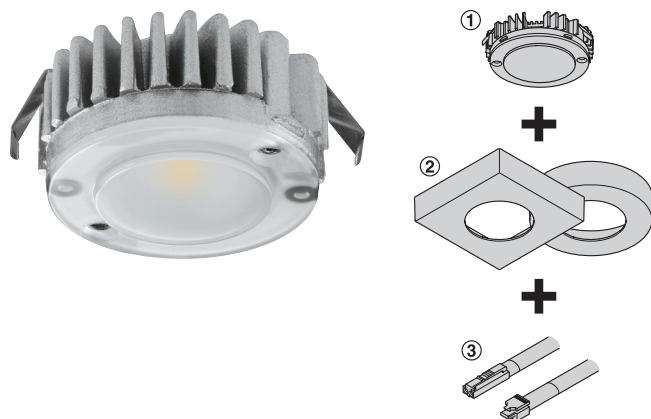


LED 3008

Low intensity
Wattage: 1.5 W
Diodes: 2

24
V

Modular, drill hole Ø: 35 mm (1 3/8")



- > Can be recess or surface mounted
- > Customize appearance with broad selection of trim rings

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >55
- > Degree of protection: IP44 recess mounted
IP20 surface mounted
- > Material: Aluminum
- > Supplied with: 1 light

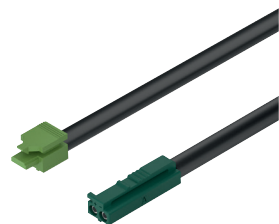
Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
2700	115	76	833.75.560
3000	115	76	833.75.561
4000	115	76	833.75.562
5000	125	83	833.75.563

Note

Order lead and trim ring separately.

2700 K	3000 K	4000 K	5000 K	80°	
225 lx	225 lx	225 lx	250 lx		250 mm (9 13/16")
81 lx	81 lx	81 lx	90 lx		500 mm (19 11/16")
36 lx	36 lx	36 lx	40 lx		750 mm (29 1/2")
20 lx	20 lx	20 lx	23 lx		1000 mm (39 3/8")

Leads for modular puck lights



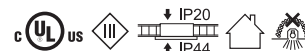
- > Supplied with: 1 modular lead

Length	Cable type	Item No.
1 m (39 3/8")	5.0 A/18 AWG	833.95.836
2 m (78 3/4")	1.5 A/24 AWG	833.95.791

YOU MAY
ALSO NEED:
 TRIM RINGS
p. 139

 SWITCHES
pp. 228–251

 DRIVERS
pp. 284–291

 DISTRIBUTORS
pp. 254–259


Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

MODULAR PUCK TRIM RINGS

LED 3008

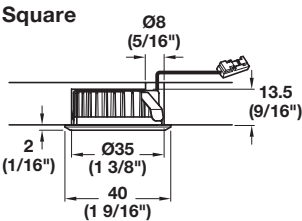
Plastic recess mount trim ring, drill hole: Ø35 mm (1 3/8")



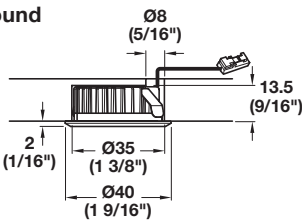
- > IP44 degree of protection
- > Material: Plastic

Color	Round	Square
black	833.72.184	833.72.188
matt nickel-plated	833.72.186	833.72.190
silver colored	833.72.145	833.72.146
white, RAL 9003	833.72.187	833.72.191

Square



Round



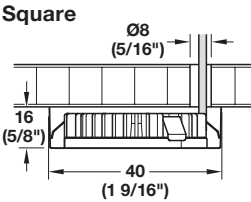
Plastic surface mount trim ring



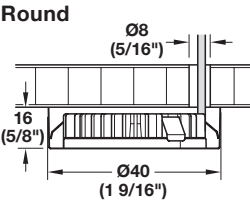
- > IP20 degree of protection
- > Material: Plastic

Color	Round	Square
black	833.72.176	833.72.180
matt nickel-plated	833.72.178	833.72.182
silver colored	833.72.143	833.72.144
white, RAL 9003	833.72.179	833.72.183

Square



Round



Black



Matt
nickel-
plated



Silver
colored



White,
RAL
9003

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

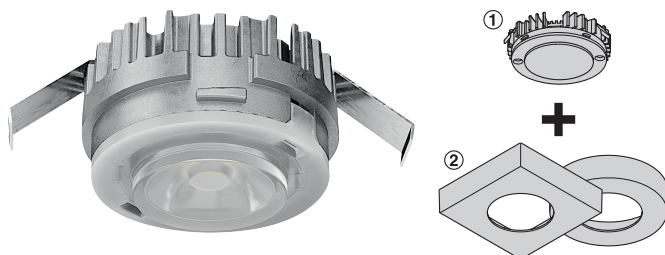


LED 3090

Medium intensity
Wattage: 1.2 W
Diodes: 1

24
V

Modular, drill hole Ø: 26 mm (1")



- > Narrow beam angle for highlighting objects
- > Can be recess or surface mounted
- > Customize appearance with broad selection of trim rings

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >60
- > Degree of protection: IP44 recess mounted
IP20 surface mounted
- > Material: Aluminum
- > Supplied with: 1 light with 2 m (78 3/4") lead

2700 K	3000 K	4000 K	5000 K	55°	
825 lx	870 lx	935 lx	940 lx		250 mm (9 13/16")
220 lx	225 lx	235 lx	245 lx		500 mm (19 11/16")
95 lx	95 lx	100 lx	105 lx		750 mm (29 1/2")
50 lx	55 lx	55 lx	60 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
2700	75	63	833.75.170
3000	80	67	833.75.171
4000	80	67	833.75.172
5000	85	71	833.75.173

Note

Order trim ring separately.

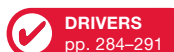
YOU MAY
ALSO NEED:



TRIM RINGS
p. 141



SWITCHES
pp. 228–251



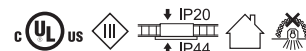
DRIVERS
pp. 284–291



DISTRIBUTORS
pp. 254–259

Note

Suitable for use within
closet storage spaces.

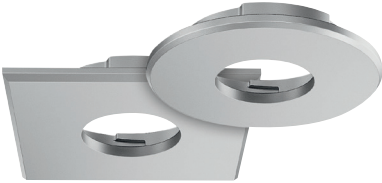


MODULAR PUCK TRIM RINGS

LED 3090

24
V

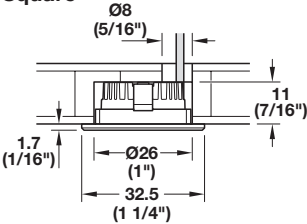
Plastic recess mount trim ring, drill hole: Ø26 mm (1")



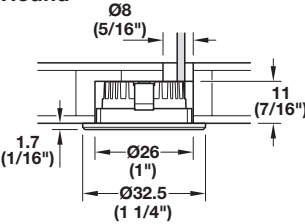
- > IP44 degree of protection
- > Material: Plastic

Color	Round	Square
black	833.89.225	833.89.232
anthracite	833.89.226	833.89.233
brown	833.89.227	833.89.234
matt nickel-plated	833.89.223	833.89.230
stainless steel colored	833.89.228	833.89.235
silver colored	833.89.222	833.89.229
white, RAL 9003	833.89.224	833.89.231

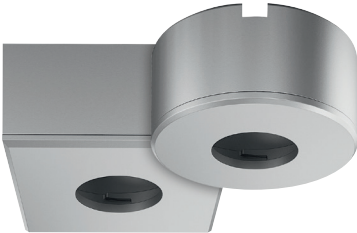
Square



Round



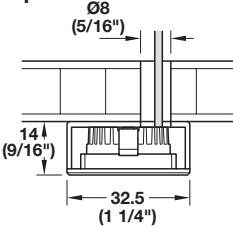
Plastic surface mount trim ring



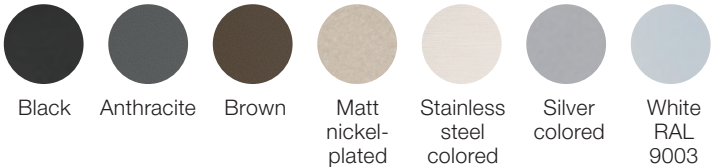
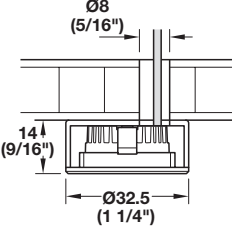
- > IP20 degree of protection
- > Material: Plastic

Color	Round	Square
black	833.89.239	833.89.246
anthracite	833.89.240	833.89.247
brown	833.89.241	833.89.248
matt nickel-plated	833.89.237	833.89.244
stainless steel colored	833.89.242	833.89.249
silver colored	833.89.236	833.89.243
white, RAL 9003	833.89.238	833.89.245

Square



Round



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



LED 3035

Medium intensity
Wattage: 2.5 W
Diodes: 7

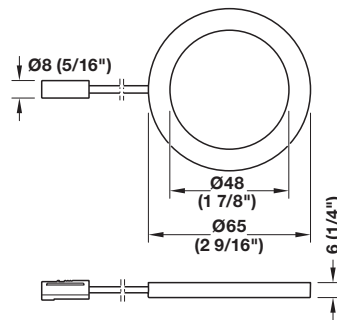
LED 3036

Medium intensity
Wattage: 2.5 W
Diodes: 7

24
V

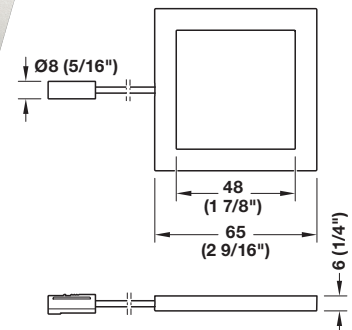
Surface mounted, Ø: 65 mm (2 9/16")

> Extremely flat design



Surface mounted, 65 x 65 mm (2 9/16" x 2 9/16")

> Extremely flat design



2700 K	3000 K	4000 K	5000 K		
715 lx	715 lx	765 lx	765 lx	105°	250 mm (9 13/16")
200 lx	200 lx	215 lx	215 lx		500 mm (19 11/16")
100 lx	100 lx	105 lx	105 lx		750 mm (29 1/2")
55 lx	55 lx	60 lx	65 lx		1000 mm (39 3/8")

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Ø x H: 65 x 6 mm (2 9/16" x 1/4")
- > Lifetime: 30,000 h
- > Material/Color: Plastic, silver colored
- > Supplied with:
1 light with 2 m (78 3/4") lead
Mounting materials

Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
2700	140	56	833.77.250
3000	140	56	833.77.251
4000	150	60	833.77.252
5000	150	60	833.77.253

2700 K	3000 K	4000 K	5000 K		
795 lx	825 lx	880 lx	880 lx	105°	250 mm (9 13/16")
216 lx	225 lx	240 lx	240 lx		500 mm (19 11/16")
95 lx	100 lx	105 lx	105 lx		750 mm (29 1/2")
55 lx	55 lx	60 lx	65 lx		1000 mm (39 3/8")

- > Equipped with high quality Samsung® LEDs
- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > L x W x H: 65 x 65 x 6 mm (2 9/16" x 2 9/16" x 1/4")
- > Lifetime: 30,000 h
- > Material/Color: Plastic, silver colored
- > Supplied with:
1 light with 2 m (78 3/4") lead
Mounting materials

Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
2700	140	56	833.77.260
3000	145	58	833.77.261
4000	155	62	833.77.262
5000	155	62	833.77.263

Note

Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:



NEW



LED 3066

High intensity
Wattage: 6.5 W
Diodes: 105

LED 3067

High intensity
Wattage: 7 W
Diodes: 140

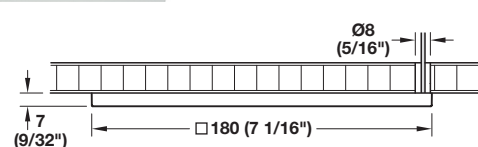
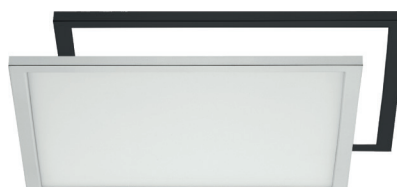
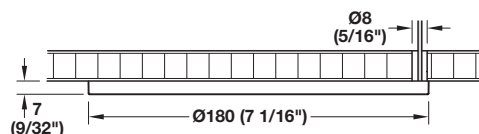
Surface mounted downlight, Ø: 180 mm (7 1/16")

Surface mounted downlight, 180 x 180 (7 1/16" x 7 1/16")

24
V

- > Uniform illumination in cabinets and furniture
- > Extremely flat design
- > Interchangeable black and silver frames

- > Uniform illumination in cabinets and furniture
- > Extremely flat design
- > Interchangeable black and silver frames



3000 K	4000 K	110°		
3510 lx	3400 lx		250 mm	(9 13/16")
880 lx	850 lx		500 mm	(19 11/16")
389 lx	377 lx		750 mm	(29 1/2")
220 lx	210 lx		1000 mm	(39 3/8")

3000 K	4000 K	110°		
3120 lx	3315 lx		250 mm	(9 13/16")
780 lx	830 lx		500 mm	(19 11/16")
346 lx	368 lx		750 mm	(29 1/2")
195 lx	210 lx		1000 mm	(39 3/8")

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >60
- > Lifetime: 50,000 h
- > Ø x H: 180 x 7 mm (7 1/16" x 9/32")
- > Material/Color: Plastic, silver colored or black
- > Supplied with:
 - 1 light with 2 m (78 3/4") lead
 - 2 frames (1 silver, 1 black)
 - Mounting materials

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >60
- > Lifetime: 50,000 h
- > L x W x H: 180 x 180 x 7 mm (7 1/16" x 7 1/16" x 9/32")
- > Material/Color: Plastic, silver colored or black
- > Supplied with:
 - 1 light with 2 m (78 3/4") lead
 - 2 frames (1 silver, 1 black)
 - Mounting materials

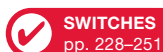
Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
3000	550	84	833.77.293
4000	550	84	833.77.294

Color temperature K	Luminous flux lm	Luminous efficacy lm/W	Item No.
3000	550	79	833.77.295
4000	550	79	833.77.296

Note

Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:



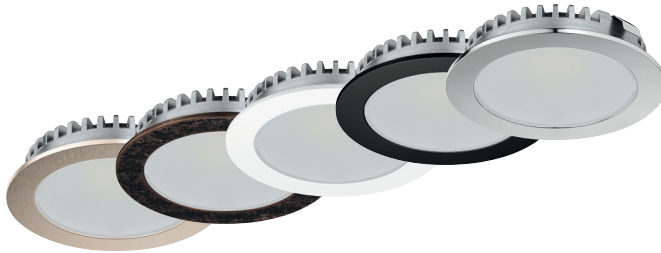


LED 3094

Medium intensity
Wattage: 2.5 W
Diodes: 4

24
V

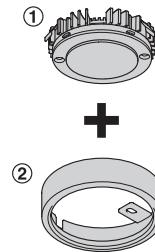
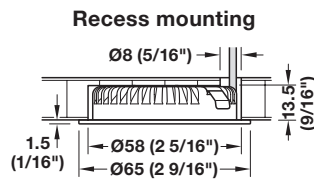
Recess or surface mounted, drill hole Ø: 58 mm (2 5/16")



> Recess mounted in drilled hole or surface mounted with matching trim ring

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: 30,000 h
- > Material: Housing: Aluminum; Diffuser: Plastic
- > Supplied with: 1 light with 2 m (78 3/4") lead

2700 K	3000 K	4000 K	5000 K		
860 lx	995 lx	1000 lx	1030 lx	105°	250 mm (9 13/16")
215 lx	250 lx	250 lx	260 lx		500 mm (19 11/16")
95 lx	110 lx	110 lx	115 lx		750 mm (29 1/2")
54 lx	60 lx	60 lx	65 lx		1000 mm (39 3/8")



Color Temperature K	Luminous flux lm	Luminous efficacy lm/W	chrome colored	black	white	bronze colored	nickel colored
2700	140	56	833.75.320	833.75.324	833.75.328	833.75.332	833.75.546
3000	160	64	833.75.321	833.75.325	833.75.329	833.75.333	833.75.547
4000	165	66	833.75.322	833.75.326	833.75.330	833.75.334	833.75.548
5000	175	70	833.75.323	833.75.327	833.75.331	833.75.335	833.75.549

Note

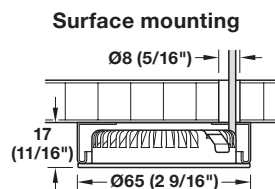
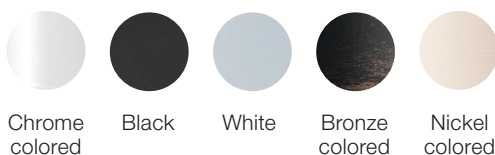
Order optional trim ring below for surface mounting applications.

Surface mounted trim ring, optional



> Material: Aluminum

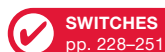
Finish	Item No.
chrome colored	833.72.809
black	833.72.806
white	833.72.807
bronze colored	833.72.808
nickel colored	833.72.528



Note

Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:





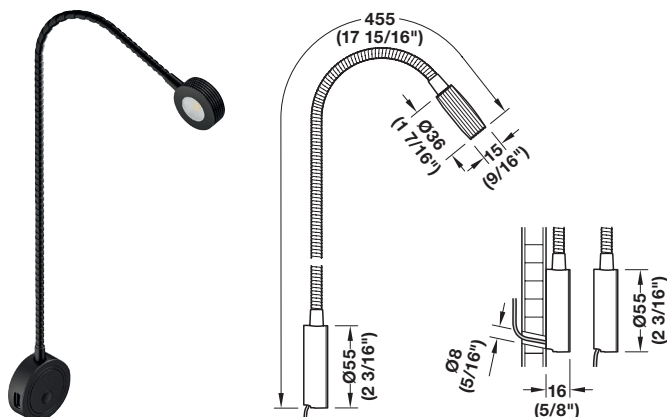
LED 3034

FLEXIBLE LIGHT

Wattage (including USB): 19 W
Light: 1.5 W
Diodes: 2

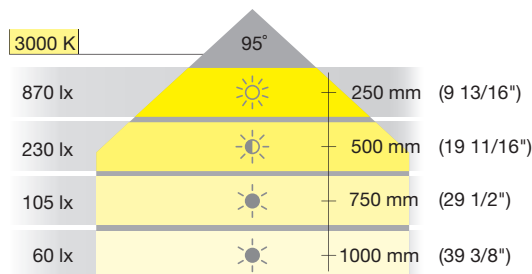
24
V

With USB charging station



> Integrated 5 V/2.5 A USB charging station; push button switch for 2 brightness levels; magnetic cover for base; modular power lead

- > Color rendering index: $R_a: >90$
- > Screw mounted under magnetic cover
- > L x W x H: 455 x 55 x 16 mm (17 15/16" x 2 3/16" x 5/8")
- > Material: Aluminum
- > Supplied with:
1 light
Mounting materials



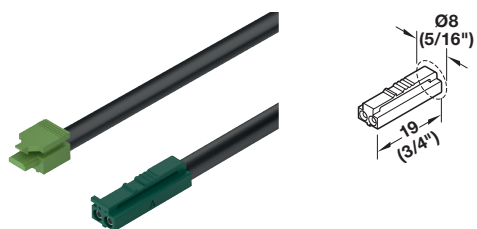
Color temperature K	Luminous flux lm	Luminous efficacy lm/W	black	chrome-plated
3000	120	80	833.75.088	833.75.089

Note

Minimum 20 W driver per light for optimum operation of the USB charging station.

Order lead separately.

Leads



> 5 A/18 AWG with snap in connector

Length	Item No.
1 m (39 3/8")	833.95.836
2 m (78 3/4")	833.95.835

YOU MAY
ALSO NEED:



24 V

TUNABLE WHITE **2-WIRE**



24 V TUNABLE WHITE 2-WIRE

Technical data for tunable 2-wire and 3-wire pages 148–151

COB GOLD

LED 3106/3107/3108 pages 152–154
Leads and connectors for 3106/3107/3108 page 155

COB COMPLETE

LED 1303/1305 pages 156–157

8 MM STRIP LIGHTS

LED 3078 page 158
LED 3087 page 159
Leads and connectors for 3078/3087 page 160

SILICONE STRIP LIGHTS

LED 3088 page 161
LED 3089 page 162
Leads and connectors for 3088/3089 page 163

PUCK LIGHTS

LED 3086 page 164
Trim rings for 3086 pages 165–166

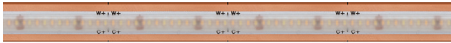
CONTROLS AND ACCESSORIES

6-way distributor page 167
Connect Mesh 4-way distributor pages 168–169
Press-to-Pair distributor page 170
Magnetic reed switch page 171

PRODUCT COMPARISON CHART

TUNABLE WHITE 2-WIRE LED STRIPS

24
V

LEDs/m		Color temperature	Illuminance lx distance				Wattage	Luminous flux		
			250 mm (9 13/16")	500 mm (19 11/16")	750 mm (29 1/2")	1000 mm (39 3/8")		W/m	lm/m	
2	COB Gold, tunable white 2-wire, 8 mm (5/16")									
LED 3106										
	2 x 320	2700	550	230	125	75	4.8	445	136	
		5000	615	260	140	90		460	140	
LED 3107										
	2 x 320	2700	1245	507	272	169	9.6	890	271	
		5000	1425	580	309	193		895	273	
LED 3108										
	2 x 320	2700	1858	746	392	242	14.4	1325	404	
		5000	2086	834	441	270		1325	404	
2	COB Complete, tunable white 2-wire, 10 mm (3/8"), silicone sleeve									
LED 1303										
	2 x 320	2700	635	261	140	87	3.0	246	75	
		5000	723	298	159	101		270	82	
LED 1305										
	2 x 320	2700	1840	766	411	261	10.0	820	250	
		5000	2100	875	469	298		900	274	
2	Strip lights, tunable white 2-wire, 8 mm (5/16")									
LED 3078										
	2 x 120	2700	1025	425	230	145	4.8	425	130	
		5000	1075	445	245	150		465	142	
LED 3087										
	2 x 120	2700	1865	785	430	270	9.6	825	252	
		5000	2045	865	475	295		930	284	
2	Silicone strip lights, tunable white 2-wire, 10 mm (3/8"), silicone sleeve									
LED 3088										
	2 x 120	2700	1025	425	230	145	4.8	425	130	
		5000	1075	445	245	150		465	142	
LED 3089										
	2 x 120	2700	1865	785	430	270	9.6	825	252	
		5000	2045	865	475	295		930	284	

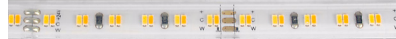
24
V

	Luminous efficacy	Coloring rendering index	Available length					Max. strip length (visual)	Max. strip length wattage-dependent on the driver (m)		
	lm/W	R _a /R ₉	2.2 m (86 5/8")	5 m (196 7/8")	6 m (236 1/4")	15 m (590 9/16")	50 m (1968 1/2")		20 W	40 W	90 W
Current carrying capacity of strip light: 5 A											
	93 96	>90/>50	-	833.76.530	-	-	833.76.535	7.5 m (295 9/32")	4.10	8.30	18.70
	93 93	>90/>50	-	833.76.531	-	-	833.76.536	5.5 m (216 17/32")	2.00	4.10	9.30
	92 92	>90/>50	-	833.76.532	-	-	833.76.537	4 m (157 1/2")	1.30	2.70	6.20
Current carrying capacity of strip light: 5 A											
	82 90	>90/>50	833.05.305	-	833.05.167	-	-	11 m (433 1/16")	6.60	13.30	30.00
	82 90	>90/>50	833.05.155	-	833.05.325	-	-	6.5 m (255 7/8")	2.00	4.00	9.00
Current carrying capacity of strip light: 5 A											
	89 97	>90/>50	-	833.77.240	-	-	833.77.241	8.5 m (334 5/8")	4.10	8.30	18.70
	86 97	>90/>50	-	833.77.242	-	-	833.77.243	6.5 m (255 7/8")	2.00	4.10	9.30
Current carrying capacity of strip light: 5 A											
	89 97	>90/>50	-	833.77.244	-	833.77.245	-	8.5 m (344 5/8")	4.10	8.30	18.70
	86 97	>90/>50	-	833.77.246	-	833.77.247	-	6.5 m (255 7/8")	2.00	4.10	9.30

PRODUCT COMPARISON CHART

TUNABLE WHITE 3-WIRE LED STRIPS

24
V

	LEDs/m	Color temperature	Illuminance lx distance				Wattage	Luminous flux		
			250 mm (9 13/16")	500 mm (19 11/16")	750 mm (29 1/2")	1000 mm (39 3/8")		W/m	lm/m	
3	Strip lights, tunable white 3-wire, 8 mm (5/16")									
LED 3044										
	2 x 120	2700	1025	425	230	145	4.8	425	130	
		5000	1075	445	245	150		465	142	
LED 3047										
	2 x 120	2700	1865	785	430	270	9.6	825	252	
		5000	2045	865	475	295		930	284	
LED 3049										
	2 x 120	2700	2780	1180	650	405	14.4	1230	375	
		5000	2800	1200	660	415		1370	418	
3	Silicone strip lights, tunable white 3-wire, 10 mm (3/8"), silicone sleeve									
LED 3060										
	2 x 120	2700	1025	425	230	145	4.8	425	130	
		5000	1075	445	245	150		465	142	
LED 3061										
	2 x 120	2700	1865	785	430	270	9.6	825	252	
		5000	2045	865	475	295		930	284	



	Luminous efficacy	Coloring rendering index	Available length					Max. strip length (visual)	Max. strip length wattage-dependent on the driver (m)		
	lm/W	R _a /R ₉	2.2 m (86 5/8")	5 m (196 7/8")	6 m (236 1/4")	15 m (590 9/16")	50 m (1968 1/2")		20 W	40 W	90 W
Current carrying capacity of strip light: 3.5 A											
	89 97	>90/>50	-	833.76.332	-	-	833.76.333	8.5 m (334 5/8")	4.10	8.30	17.50
	86 97	>90/>50	-	833.76.350	-	-	833.76.351	6.5 m (255 7/8")	2.00	4.10	8.70
	85 95	>90/>50	-	833.76.360	-	-	833.76.361	5 m (196 7/8")	1.30	2.70	5.80
Current carrying capacity of strip light: 3.5 A											
	89 97	>90/>50	-	833.76.387	-	833.76.388	-	8.5 m (334 5/8")	4.10	8.30	17.50
	86 97	>90/>50	-	833.76.389	-	833.76.390	-	6.5 m (255 7/8")	2.00	4.10	8.70

NEW



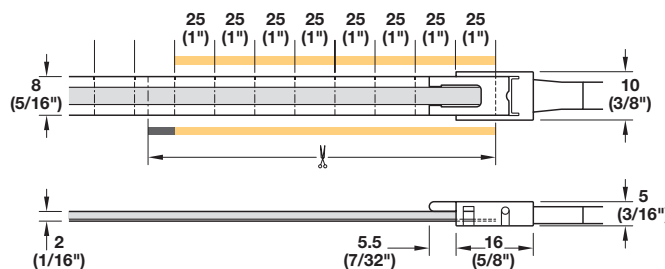
LED 3106

COB GOLD

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 2 x 320/m; 2 x 96/ft.



Tunable white 2-wire, 8 mm (5/16")



25 mm (1") cut points and continuous contacts allow LED strip to be shortened to exact cut lengths with minimal dark spots.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°		
550 lx	615 lx		250 mm	(9 13/16")
230 lx	260 lx		500 mm	(19 11/16")
125 lx	140 lx		750 mm	(29 1/2")
75 lx	90 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux lm/m	lm/ft.	Luminous efficacy lm/W	Length 5 m (196 7/8")	50 m (1968 1/2")*
2700	445	136	93	833.76.530	833.76.535
5000	460	140	96		

Max. strip length (visual): 7.5 m (295 9/32")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

- > Tunable color temperature (2700–5000 K)
- > Uses 2-wire cables; additional adapters are not needed
- > Uniform light output: LED dots are not visible
- > Enables use of extremely shallow profiles

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 2 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.922) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.811) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.895). Please order separately, see pages 167–170.

YOU MAY
ALSO NEED:



Note
Suitable for use within closet storage spaces when utilized with profile and lens.



NEW



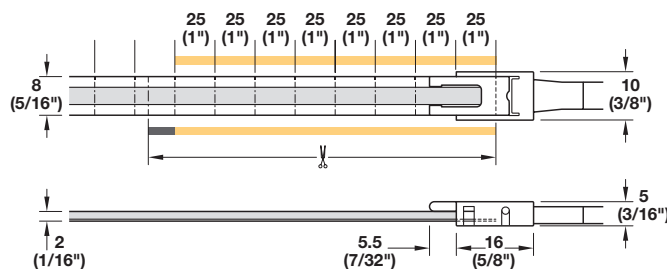
LED 3107

COB GOLD

High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 2 x 320/m; 2 x 96/ft. **2-wire**

24
V

Tunable white 2-wire, 8 mm (5/16")



25 mm (1") cut points and continuous contacts allow LED strip to be shortened to exact cut lengths with minimal dark spots.

- > Tunable color temperature (2700–5000 K)
- > Uses 2-wire cables; additional adapters are not needed
- > Uniform light output: LED dots are not visible
- > Enables use of extremely shallow profiles

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 2 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.922) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.811) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.895). Please order separately, see pages 167–170.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°	
1245 lx	1425 lx		250 mm (9 13/16")
507 lx	580 lx		500 mm (19 11/16")
272 lx	309 lx		750 mm (29 1/2")
169 lx	193 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux lm/m	lm/ft.	Luminous efficacy lm/W	Length 5 m (196 7/8")	50 m (1968 1/2")*
2700	890	271	93	833.76.531	833.76.536
5000	895	273	93		

Max. strip length (visual): 5.5 m (216 17/32")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

 LEADS
p. 155

 PROFILES
pp. 202–225

 DRIVERS
pp. 284–291

 SWITCHES
pp. 228–251

 DISTRIBUTORS
pp. 254–259

Note
 Suitable for use within closet storage spaces when utilized with profile and lens.



NEW



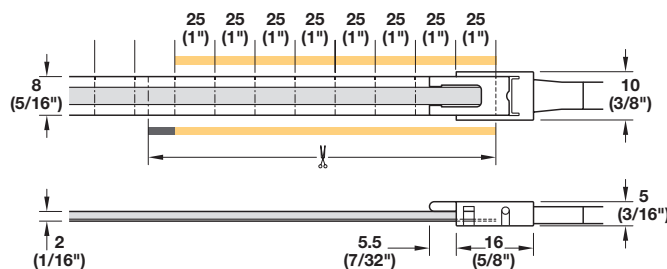
LED 3108

COB GOLD

Ultra high intensity
Wattage: 14.4 W/m; 4.5 W/ft.
Diodes: 2 x 320/m; 2 x 96/ft.



Tunable white 2-wire, 8 mm (5/16")



25 mm (1") cut points and continuous contacts allow LED strip to be shortened to exact cut lengths with minimal dark spots.

- > Tunable color temperature (2700–5000 K)
- > Uses 2-wire cables; additional adapters are not needed
- > Uniform light output: LED dots are not visible
- > Enables use of extremely shallow profiles

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 2 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.922) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.811) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.895). Please order separately, see pages 167–170.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°		
1858 lx	2086 lx		250 mm	(9 13/16")
746 lx	834 lx		500 mm	(19 11/16")
392 lx	441 lx		750 mm	(29 1/2")
242 lx	270 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux lm/m	lm/ft.	Luminous efficacy lm/W	Length 5 m (196 7/8")	50 m (1968 1/2")*
2700	1325	404	92	833.76.532	833.76.537
5000	1325	404	92		

Max. strip length (visual): 4 m (157 1/2")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
p. 155



PROFILES
pp. 202–225



DRIVERS
pp. 284–291



SWITCHES
pp. 228–251



DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.



NEW

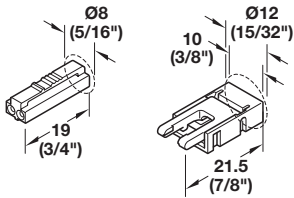
LED 3106/3107/3108

2

2-wire

24
V

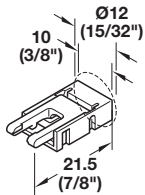
Leads and connectors for COB Gold tunable white 2-wire, 8 mm (5/16")



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.75.762
500 mm (19 11/16")	833.75.763
2 m (78 3/4")	833.75.764

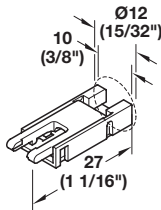
For use with 24 V COB Gold strip lights. Can also be used with 24 V COB Complete remnant pieces.



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.75.765
2 m (78 3/4")	833.75.766

For use with 12 V or 24 V COB Gold strip lights. Can also be used with COB Complete remnant pieces.



- > 5 A clip connector
- > Supplied with: 10 pcs.

Item No.
833.75.767

For use with 12 V or 24 V COB Gold strip lights. Can also be used with COB Complete remnant pieces.



- > Corner connector, 90°
- > Voltage: 12 V or 24 V
- > Width: 17 mm (11/16")
- > Length: 17 mm (11/16")
- > Clip width: 10 mm (3/8")
- > Supplied with: 10 pcs.

Item No.
833.89.318

For use with 8 mm (5/16") COB monochrome and COB tunable white 2-wire LED strip lights. Can also be used with COB Complete remnant pieces.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW



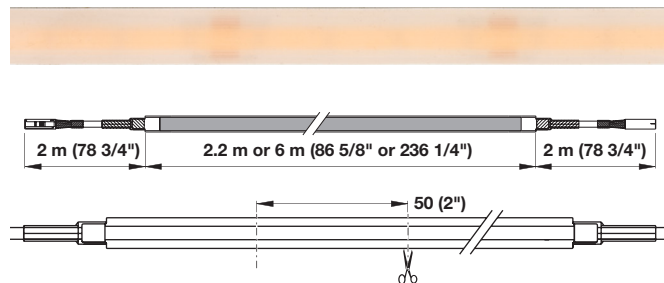
LED 1303

COB COMPLETE

Medium intensity
Wattage: 3 W/m; 0.9 W/ft.
Diodes: 2 x 320/m; 2 x 96/ft.

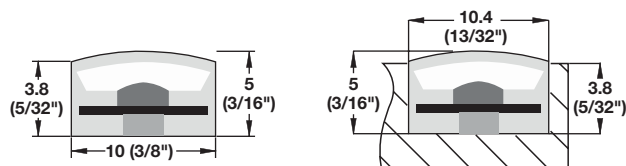


Tunable white 2-wire, 10 mm (3/8")

24
V


> Can be shortened every 50 mm (2")

A 2 m (78 3/4") lead cable (5 A/18 AWG) is soldered on each end of the roll. Strip can be divided into 2 sections. Remnant sections can be used when combined with COB Gold leads. See page 155.



Recommended routing dimensions:

10.4 x 3.8 mm (13/32" x 5/32"). Leaves a 1.2 mm crown when installed. Silicone compresses when shelf is pushed against it.

Note

To maintain IP67 protection, use silicone end caps, 833.89.184. Please order separately, see page 43.

- > Tunable color temperature (2700–5000 K)
- > Uniform light output: LED dots are not visible
- > Encased in a silicone sleeve eliminating the need for a profile
- > Surface mounted or recessed
- > Each roll is supplied with leads pre-attached to each end
- > IP67 rating allows strip to be used in almost any application

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP67 when used with silicone end caps
- > Lifetime: >40,000 h
- > Width: 10 mm (3/8")
- > Height: 5 mm (3/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.922) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.811) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.895). Please order separately, see pages 167–170.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°	
635 lx	723 lx		250 mm (9 13/16")
261 lx	298 lx		500 mm (19 11/16")
140 lx	159 lx		750 mm (29 1/2")
87 lx	101 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux lm/m	lm/ft.	Luminous efficacy lm/W	Length 2.2 m (86 9/16")	6 m (236 7/16")
2700	246	75	82	833.05.305	833.05.167
5000	270	82	90		

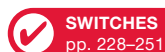
Max. strip length (visual): 11 m (433 1/16")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note

Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:



NEW



LED 1305

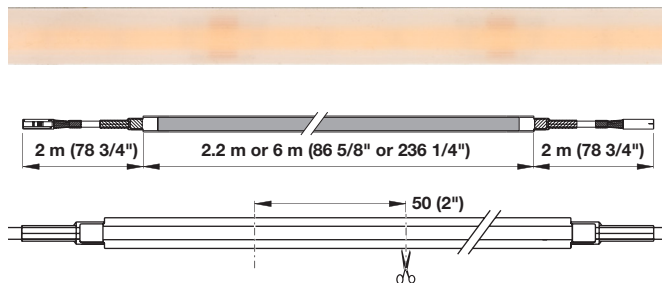
COB COMPLETE

High intensity
Wattage: 10 W/m; 3 W/ft.
Diodes: 2 x 320/m; 2 x 96/ft.



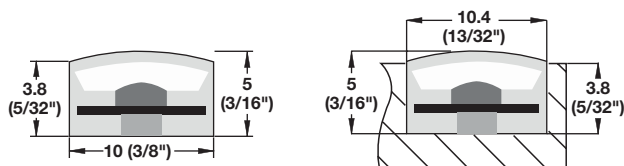
24 V

Tunable white 2-wire, 10 mm (3/8")



> Can be shortened every 50 mm (2")

A 2 m (78 3/4") lead cable (5 A/18 AWG) is soldered on each end of the roll. Strip can be divided into 2 sections. Remnant sections can be used when combined with COB Gold leads. See page 155.



Recommended routing dimensions:

10.4 x 3.8 mm (13/32" x 5/32"). Leaves a 1.2 mm crown when installed. Silicone compresses when shelf is pushed against it.

Note

To maintain IP67 protection, use silicone end caps, 833.89.184. Please order separately, see page 43.

- > Tunable color temperature (2700–5000 K)
- > Uniform light output: LED dots are not visible
- > Encased in a silicone sleeve eliminating the need for a profile
- > Surface mounted or recessed
- > Each roll is supplied with leads pre-attached to each end
- > IP67 rating allows strip to be used in almost any application

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP67 when used with silicone end caps
- > Lifetime: >40,000 h
- > Width: 10 mm (3/8")
- > Height: 5 mm (3/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.922) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.811) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.895). Please order separately, see pages 167–170.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°	
1840 lx	2100 lx		250 mm (9 13/16")
766 lx	875 lx		500 mm (19 11/16")
411 lx	469 lx		750 mm (29 1/2")
261 lx	298 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux lm/m	lm/ft.	Luminous efficacy lm/W	Length 2.2 m (86 9/16")	6 m (236 7/16")
2700	820	250	82	833.05.155	833.05.325
5000	900	274	90		

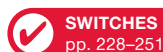
Max. strip length (visual): 6.5 m (255 7/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note

Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:



NEW



LED 3085

FLEXIBLE SLIM6 SILICONE

Medium intensity
Wattage: 9.6 W/m; 3.0 W/ft.
Diodes: 2 x 320/m; 2 x 96/ft.



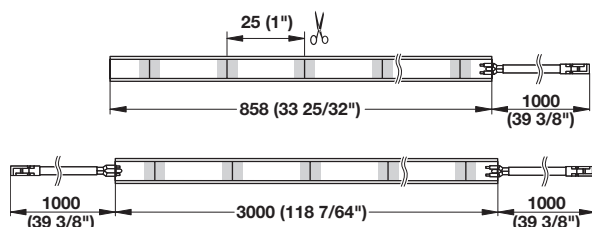
Tunable white 2-wire, 6.5 X 6 mm (1/4" x 15/64"), silicone sleeve

24
V

Top of LED strip

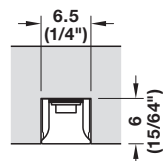


Bottom of LED strip



Cut marks visible on back of ribbon.

- > Can be shortened every 25 mm (1")
- > 0.85 m (33 25/32") roll is supplied with a 1 m (39 3/8") lead cable soldered on one end.
- > 3 m (118 7/64") roll is supplied with a 1 m (39 3/8") lead cable soldered on each end. The strip can be divided into two sections.



Installation in groove

- > For recessed installation in a 6.5 mm (1/4") wide x 6 mm (15/64") deep channel
- > Mounts flush with the panel
- > Ready to install. No additional profiles or leads required.
- > Flexible silicone allows for curved applications (radius min. 30 mm (1 3/16"))
- > Available in lengths: .85 m (33 25/32") with one pre-attached soldered lead; 3 m (118 7/64") with pre-attached soldered lead on each end
- > LED dots are not visible

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP44
- > Lifetime: L80/B10: >50,000 h
L70/B50: >80,000 h
- > Silicone sleeve width: 6.5 mm (1/4")
- > Silicone sleeve height: 6 mm (15/64")
- > Routing W x D: 6.5 x 6 mm (1/4" x 15/64")
- > Radius: min. 15 mm (19/32")
- > Material/Finish: Silicone, matte white
- > Mounting: For recess mounting; use 1/4" router bit
- > Supplied with: 0.85 m (33 25/32") roll: 1 LED strip with one attached 1 m (39 3/8") lead
3 m (118 7/64") roll: 1 LED strip with two attached 1 m (39 3/8") leads

The color temperature can be controlled with the 2-way Connect Mesh distributor (850.00.847) paired with any Häfele Connect Mesh wireless switch. Please order separately, see page 241 B.

Illuminance value in lx applies to 1 m (39 3/8") tape length:

2700 K	5000 K	120°		
800 lx	890 lx		250 mm	(9 13/16")
320 lx	360 lx		500 mm	(19 11/16")
180 lx	200 lx		750 mm	(29 1/2")
115 lx	130 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux lm/m	lm/ft.	Luminous efficacy lm/W	Length .85 m (33 25/32")	3 m (118 7/64")
2700–5000	570–640	174–195	59–67	833.75.386	833.75.387

Max. strip length (visual): 3.5 m (138")

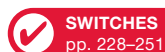
Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note
Suitable for use within closet storage spaces.

YOU MAY
ALSO NEED:



DRIVERS
pp. 284–291



SWITCHES
pp. 228–251



DISTRIBUTORS
pp. 254–259



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NEW

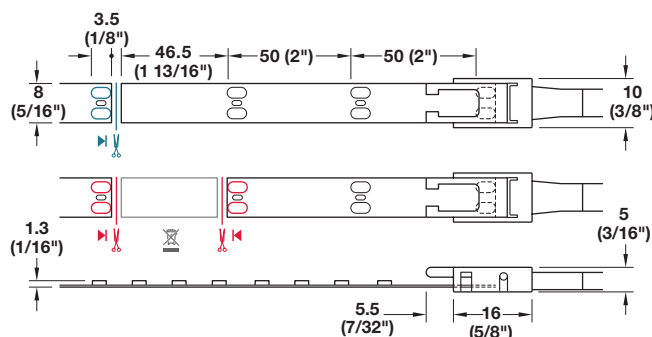


LED 3078

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 2 x 120/m; 2 x 36/ft.



Tunable white 2-wire, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

- > Tunable color temperature (2700 K–5000 K)
- > Uses 2-wire cables; additional adapters are not needed

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.922) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.811) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.895). Please order separately, see pages 167–170.

2700 K	5000 K	120°		
1025 lx	1075 lx		250 mm	(9 13/16")
425 lx	445 lx		500 mm	(19 11/16")
230 lx	245 lx		750 mm	(29 1/2")
145 lx	150 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	425	130	89	833.77.240	833.77.241
5000	465	142	97		

Max. strip length (visual): 8.5 m (334 5/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
p. 160



PROFILES
pp. 202–225



DRIVERS
pp. 284–291



SWITCHES
pp. 228–251



DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.



NEW



LED 3087

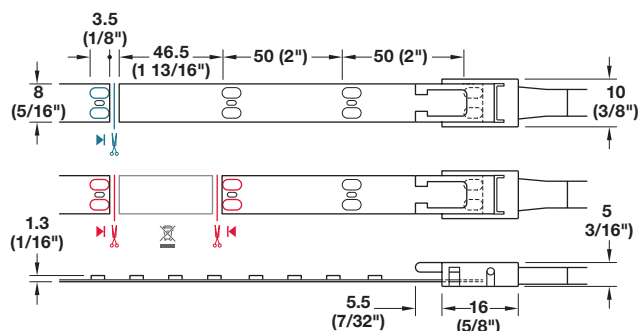
High intensity

Wattage: 9.6 W/m; 3 W/ft.

Diodes: 2 x 120/m; 2 x 36/ft.



Tunable white 2-wire, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

- > Tunable color temperature (2700 K–5000 K)
- > Uses 2-wire cables; additional adapters are not needed

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.922) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.811) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.895). Please order separately, see pages 167–170.

2700 K	5000 K	120°		
1865 lx	2045 lx		250 mm	(9 13/16")
785 lx	865 lx		500 mm	(19 11/16")
430 lx	475 lx		750 mm	(29 1/2")
270 lx	295 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	825	252	86	833.77.242	833.77.243
5000	930	284	97		

Max. strip length (visual): 6.5 m (255 7/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
p. 160



PROFILES
pp. 202–225



DRIVERS
pp. 284–291



SWITCHES
pp. 228–251



DISTRIBUTORS
pp. 254–259

Note

Suitable for use within closet storage spaces when utilized with profile and lens.

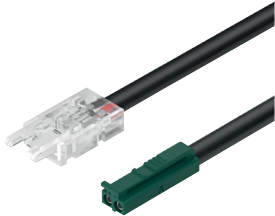


LED 3078/3087



24
V

Leads and connectors, tunable white 2-wire, 8 mm (5/16")



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.75.743
500 mm (19 11/16")	833.95.707
2 m (78 3/4")	833.95.706



- > 5 A/18 AWG lead with female socket and clip
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.93.747



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.89.191
500 mm (19 11/16")	833.89.192
2 m (78 3/4")	833.89.193

For use with 8 mm (5/16") 12 V or 24 V 2-wire strip lights



- > 5 A clip connector
- > Supplied with: 10 pcs.

Item No.
833.89.206

For use with 8 mm (5/16") 12 V or 24 V 2-wire strip lights



- > 5 A corner connector, 90° rigid, left or right
- > Supplied with: 10 pcs.

Item No.
833.89.187

For use with 8 mm (5/16") 12 V or 24 V 2-wire strip lights

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW



LED 3088

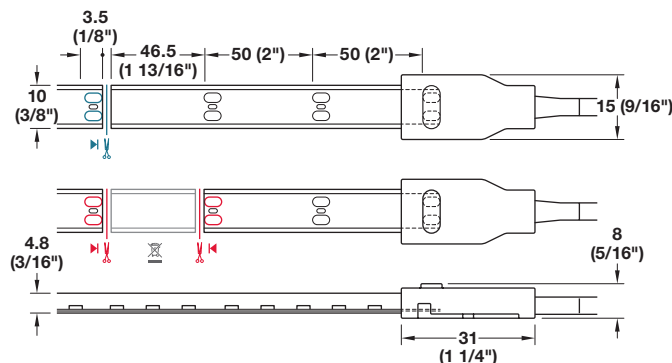
SILICONE

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 2 x 120/m; 2 x 36/ft.



24 V

Tunable white 2-wire, silicone sleeve



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

- > Tunable color temperature (2700 K–5000 K)
- > Encased in silicone; a profile is not required
- > Uses 2-wire cables; additional adapters are not needed

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP44 when used with IP44 leads and silicone end caps
- > Lifetime: >50,000 h
- > Width: Strip: 8 mm (5/16")
Silicone sleeve: 10 mm (3/8")
- > Height: Strip: 1.3 mm (1/16")
Silicone sleeve: 4.8 mm (3/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.922) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.811) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.895). Please order separately, see pages 167–170.

2700 K	5000 K	120°	
1025 lx	1075 lx		250 mm (9 13/16")
425 lx	445 lx		500 mm (19 11/16")
230 lx	245 lx		750 mm (29 1/2")
145 lx	150 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	15 m (590 9/16")*
2700	425	130	89	833.77.244	833.77.245
5000	465	142	97		

Max. strip length (visual): 8.5 m (334 5/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note

To maintain IP44 protection, use silicone end caps 833.89.184. Please order separately, see page 163.

*May require longer delivery time.

YOU MAY
ALSO NEED:

LEADS
p. 163SWITCHES
pp. 228–251DRIVERS
pp. 284–291DISTRIBUTORS
pp. 254–259

NEW

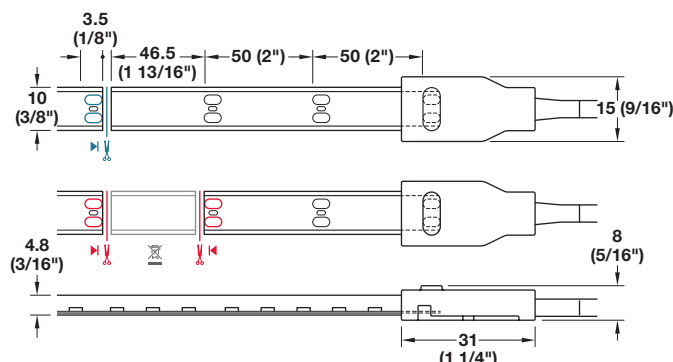


LED 3089

SILICONE

High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 2 x 120/m; 2 x 36/ft. **2-wire**

Tunable white 2-wire, silicone sleeve



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

- > Tunable color temperature (2700 K–5000 K)
- > Encased in silicone; a profile is not required
- > Uses 2-wire cables; additional adapters are not needed

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP44 when used with IP44 leads and silicone end caps
- > Lifetime: >50,000 h
- > Width: Strip: 8 mm (5/16")
Silicone sleeve: 10 mm (3/8")
- > Height: Strip: 1.3 mm (1/16")
Silicone sleeve: 4.8 mm (3/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.922) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.811) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.895). Please order separately, see pages 167–170.

2700 K	5000 K	120°	
1865 lx	2045 lx		250 mm (9 13/16")
785 lx	865 lx		500 mm (19 11/16")
430 lx	475 lx		750 mm (29 1/2")
270 lx	295 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	15 m (590 9/16")*
2700	825	252	86	833.77.246	833.77.247
5000	930	284	97		

Max. strip length (visual): 6.5 m (255 7/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Note

To maintain IP44 protection, use silicone end caps 833.89.184. Please order separately, see page 163.

YOU MAY
ALSO NEED:



LEADS
p. 163



SWITCHES
pp. 228–251



DRIVERS
pp. 284–291



DISTRIBUTORS
pp. 254–259





LED 3088/3089

24
V

Leads and connectors for silicone, tunable white 2-wire

Degree of protection

IP44 - Indicates the degree of protection against solid objects larger than 1 mm and splashing water from all directions. While not fully waterproof, IP44 rated strips work well in areas such as bathrooms and around kitchen sinks.

IP44 leads, connectors and end caps

For bathrooms and other applications that require protection from splashes and damp conditions, use the following leads and end caps.



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug/clip cover

Length	Item No.
2 m (78 3/4")	833.95.709



- > Silicone stripping tool

Item No.
006.13.485



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip/clip covers

Length	Item No.
50 mm (2")	833.89.203
500 mm (19 11/16")	833.89.204
2 m (78 3/4")	833.89.205



- > End cap set with adhesive
- > For sealing the shortened silicone sleeve; achieves degree of protection IP44
- > Supplied with: 5 pcs. with 5 ml silicone adhesive

Item No.
833.89.184

IP20 leads and connectors

For dry indoor locations, the leads below can be used. Silicone end caps are not required when LED strips are installed in dry locations.



- > 5 A/18 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.75.743
500 mm (19 11/16")	833.95.707
2 m (78 3/4")	833.95.706



- > 5 A/18 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.89.191
500 mm (19 11/16")	833.89.192
2 m (78 3/4")	833.89.193



- > 5 A/18 AWG lead with female socket and clip
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.93.747



- > 5 A clip connector
- > Supplied with: 10 pcs.

Item No.
833.89.206



- > 5 A corner connector, 90° rigid, left or right
- > Supplied with: 10 pcs.

Item No.
833.89.187

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



NEW

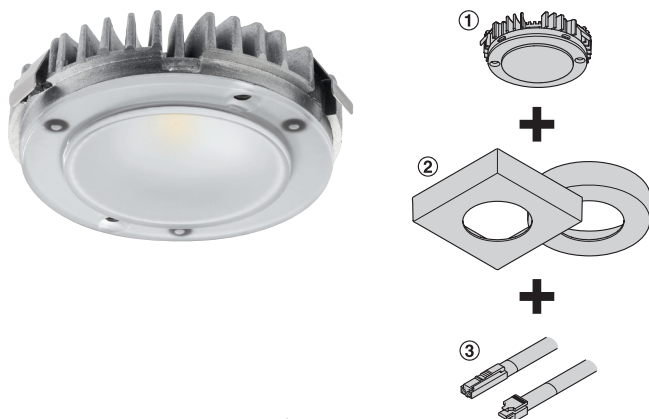
LED 3086

MODULAR PUCK LIGHT

Medium intensity
Wattage: 3.4 W
Diodes: 12

24
V

Drill hole Ø: 58 mm (2 5/16")



2700 K	5000 K	80°		
2000 lx	2100 lx		250 mm	(9 13/16")
520 lx	550 lx		500 mm	(19 11/16")
220 lx	235 lx		750 mm	(29 1/2")
120 lx	125 lx		1000 mm	(39 3/8")

- > Tunable color temperature (2700–5000 K)
- > Can be recess or surface mounted
- > Customize appearance with wide selection of recess and surface mount trim rings

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >55
- > Degree of protection: IP44 as recess mounted light
IP20 as surface mounted light

- > Material: Aluminum
- > Supplied with: 1 light

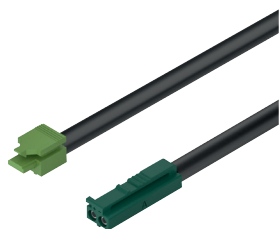
Color temperature K	Luminous flux lm/m	Luminous efficacy lm/W	Item No.
2700	240	72	833.72.451
5000	270	80	

Note

Order trim ring and lead separately.

Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.922) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.811) paired with a Kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.895). Please order separately, see pages 167–170.

Lead for modular puck lights



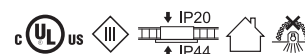
- > Supplied with: 1 modular lead

Length	Cable type	Item No.
1 m (39 3/8")	5.0 A/18 AWG	833.95.836
2 m (78 3/4")	1.5 A/24 AWG	833.95.791

YOU MAY
ALSO NEED:
 TRIM RINGS
pp. 165–166

 SWITCHES
pp. 228–251

 DRIVERS
pp. 284–291

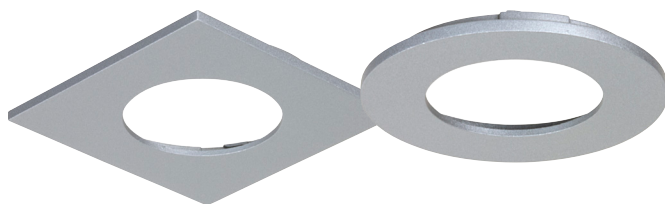
 DISTRIBUTORS
pp. 254–259


MODULAR PUCK TRIM RINGS

LED 3086

24
V

Metal recess mount trim ring, drill hole: Ø58 mm (2 5/16")

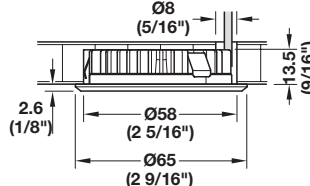


- > IP44 degree of protection
- > Material: Steel

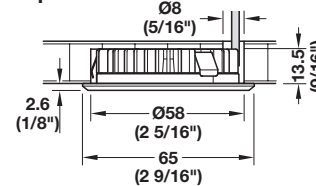
Color	Round	Square
silver colored	833.72.500	833.72.506
black	833.72.501	833.72.507
white	833.72.502	833.72.508
polished chrome colored	833.72.503	833.72.509
brass colored	833.72.504	833.72.510
copper colored	833.72.505	833.72.511



Round



Square



Plastic recess mount trim ring, drill hole: Ø58 mm (2 5/16")

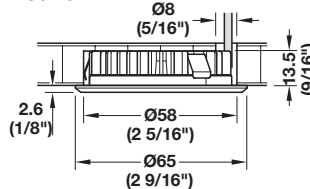


- > IP44 degree of protection
- > Material: Plastic

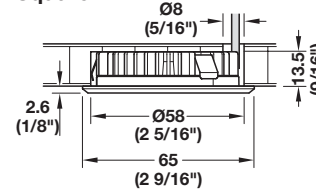
Color	Round	Square
black	833.72.168	833.72.172
anthracite	833.72.380	833.72.383
brown	833.72.381	833.72.384
matt nickel-plated	833.72.170	833.72.174
stainless steel colored	833.72.382	833.72.385
silver colored	833.72.126	833.72.127
white, RAL 9003	833.72.171	833.72.175



Round



Square



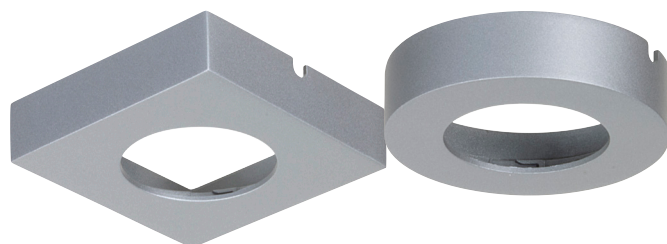
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

MODULAR PUCK TRIM RINGS

LED 3086

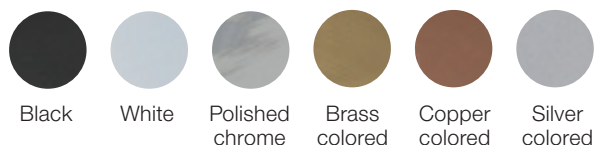
24
V

Metal surface mount trim ring



- > IP20 degree of protection
- > Material: Steel

Color	Round	Square
silver colored	833.72.512	833.72.518
black	833.72.513	833.72.519
white	833.72.514	833.72.520
polished chrome colored	833.72.515	833.72.521
brass colored	833.72.516	833.72.522
copper colored	833.72.517	833.72.523

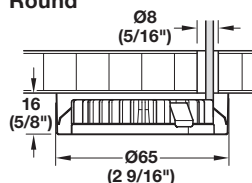


Black

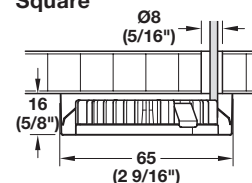
White

Polished
chromeBrass
coloredCopper
coloredSilver
colored

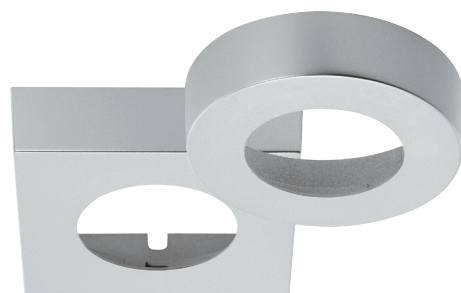
Round



Square

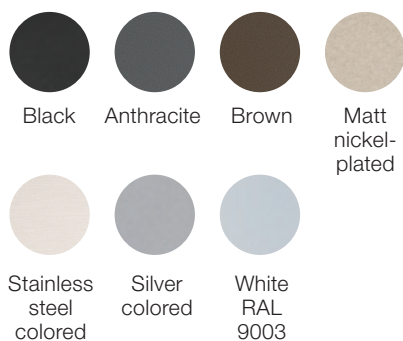


Plastic surface mount trim ring



- > IP20 degree of protection
- > Material: Plastic

Color	Round	Square
black	833.72.160	833.72.164
anthracite	833.72.193	833.72.195
brown	833.72.192	833.72.196
matt nickel-plated	833.72.162	833.72.166
stainless steel colored	833.72.194	833.72.197
silver colored	833.72.124	833.72.125
white, RAL 9003	833.72.163	833.72.167



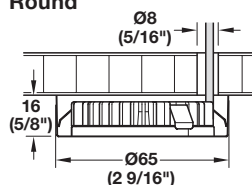
Black

Anthracite

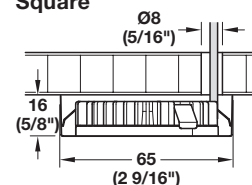
Brown

Matt
nickel-
platedStainless
steel
coloredSilver
coloredWhite
RAL
9003

Round



Square



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

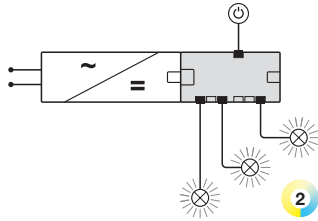
NEW

6-WAY DISTRIBUTOR WITH MANUAL COLOR TEMPERATURE CONTROL



For tunable white 2-wire, with switch port

24
V



- > Connect tunable white 2-wire lights directly without adapters
- > Change color temperature by pushing button on distributor; Bluetooth® or app is not required
- > Toggle between four color temperatures (2700 K, 3000 K, 4000 K, 5000 K)
- > For setting tunable white light color temperature during installation; not designed for end user control
- > On/Off and dimming is controlled with standard Loox wired switches connected to the switch port
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch socket
6 x output ports
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Max. connected wattage	Item No.
90 W	833.95.895

Note
Compatible with tunable white 2-wire 24 V LED strip and puck lights.



Scan for video instructions

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

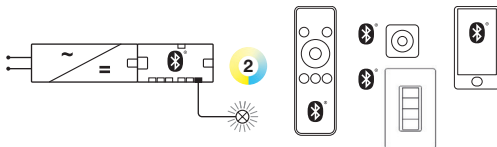
2

CONNECT MESH 4-WAY DISTRIBUTOR FOR TUNABLE WHITE 2-WIRE

2-wire

24
V

Bluetooth® wireless control



- > Connect tunable white 2-wire lights directly without adapters
- > Offers wireless control of color temperature and light intensity when paired with Häfele Connect Mesh switches and remotes

- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches
- > Use Häfele Connect Mesh app 2.0 for full connect mesh functionality or for customizing network settings
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch port
4 x output ports

- > L x W x H: 105 x 50 x 16 mm (4 1/8" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 4-way distributor

Voltage	Max. connected wattage	Item No.
24 V	72 W	850.00.922

Note

Compatible with tunable white 2-wire 24 V LED strip and puck lights.



NEW

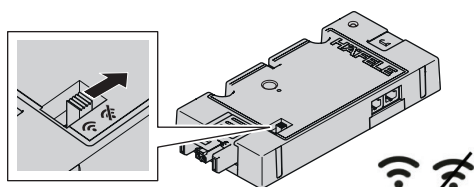
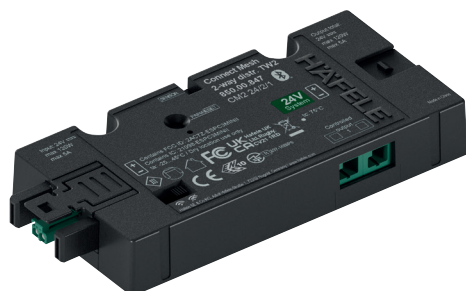
2

CONNECT MESH 2-WAY DISTRIBUTOR FOR TUNABLE WHITE 2-WIRE

2-wire

24
V

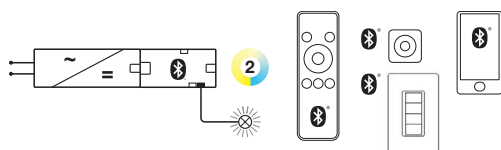
 Switchable between wireless Bluetooth® and manual control modes



Use toggle switch to select wireless Bluetooth mode or manual mode.

Wireless Bluetooth mode

- > Control color temperature and light intensity wirelessly
- > Connect with any Häfele Connect Mesh wireless switch or remote with EasyPairing
- > Use Häfele Connect Mesh app 2.0 for full functionality or for customizing network settings



Manual Control mode

- > Control color temperature manually by pushing button on distributor; 4 selection options: 2700 K, 3000 K, 4000 K and 5000 K
- > Connect a wired switch to the switch port to control on/off and dimming
- > For wireless control of on/off/dimming, attach Connect Mesh receiver (850.00.860) to the switch port. Order separately. See page 241E.

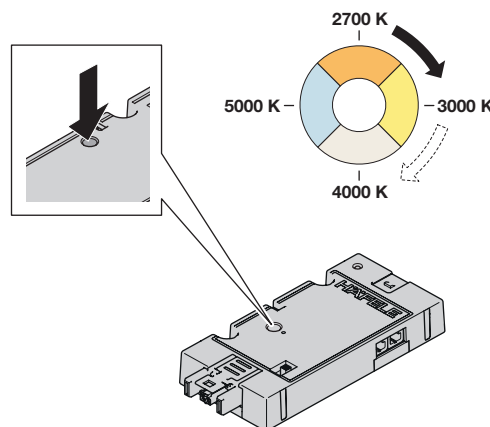
- > Color temperature and dimming can be controlled wirelessly or manually
- > Switch port for wired switches/sensors can be used in either wireless or manual modes
- > 2 output ports; both output ports are controlled together
- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches and remotes

- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches
- > Use Häfele Connect Mesh app 2.0 for full connect mesh functionality or for customizing network settings
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch port
2 x output ports; operates as 1 control channel
- > L x W x H: 115 x 50 x 16 mm (4 1/2" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 2-way distributor

Voltage	Wattage capacity	Item No.
24 V	90 W	850.00.847

Note

Compatible with tunable white 2-wire LED strip and puck lights. This item is replacing 850.00.922, 850.00.811 and 833.95.895.



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NEW

2

CONNECT MESH 4-WAY DISTRIBUTOR FOR TUNABLE WHITE 2-WIRE

2-wire

 Connect Mesh remote control and switches



Connect Mesh remote control



Connect Mesh 4-button wall switch and wall plate



Connect Mesh multi-functional furniture switch

- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches
- > Use Häfele Connect Mesh app 2.0 for full connect mesh functionality or for customizing network settings

Version	Item No.
Connect Mesh remote control	850.00.040
Connect Mesh 4-button wall switch and wall plate	450.80.868
Connect Mesh multi-functional furniture switch	850.00.952

For more information on Häfele Connect Mesh wireless switches and components, see pages 240–251.

24
V

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

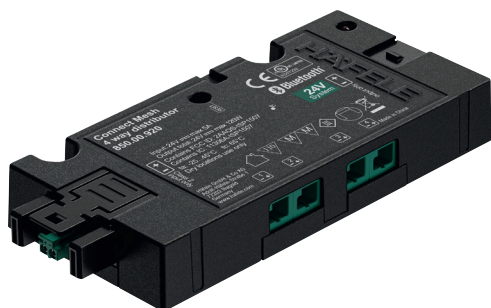


NEW

2

PRESS-TO-PAIR DISTRIBUTOR FOR PAIRING WITH KINETIC WALL SWITCH


2-wire

 Bluetooth® wireless control
24
V

- > Easily pairs with kinetic double rocker wall switch
- > The left rocker switch controls on/off/dimming; the right rocker switch controls color temperature
- > Multiple press-to-pair distributors can be paired with one or more wall switches

- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
4 x output ports
- > L x W x H: 105 x 50 x 16 mm (4 1/8" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 press-to-pair distributor

Voltage	Max. connected wattage	Item No.
24 V	72 W	850.00.811

Note

Compatible with 24 V monochrome or tunable white 2-wire LED strip or puck lights. Use single rocker kinetic switch for monochrome and double rocker switch for tunable white.

For more information on kinetic wall switches, see page 247.



Scan for video
instructions

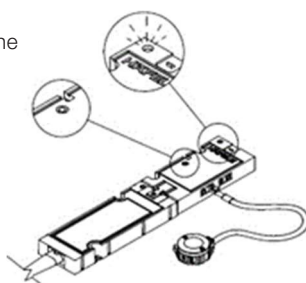


Double rocker kinetic switch
850.00.944
Please order separately.

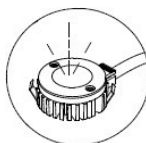
Linking distributors with kinetic rocker switch

Set distributor to pairing mode

Press and release the black reset button on the distributor. The red light on the distributor will blink slowly when ready for pairing.



X8, X1, X8

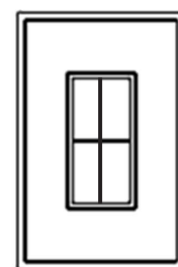


Control settings are pre-programmed and available once pairing is complete.

LEFT rocker
TAP HOLD

On Dims up

Off Dims down



RIGHT rocker
HOLD

Increase color
temperature

Decrease color
temperature

Pair distributor with rocker switch

1. Press and hold the upper left button for at least 8 seconds and release.
2. Press the upper left button for 1 second and release.
3. Press and hold the upper left button for 8 seconds and release.
4. The status LED and the lights connected to the distributor should flash 3 times to indicate the pairing was successful.

NEW

2

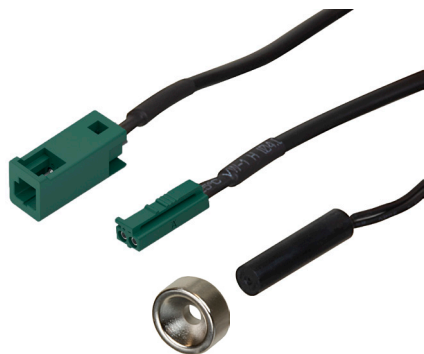
MAGNETIC REED SWITCH

FOR TUNABLE WHITE 2-WIRE



2-wire
24
V

With in-line lead cable



- > Ideal for controlling a single light e.g., drawer lights
- > Connects directly to a driver or distributor output port; the switch port is not required

- > Supplied with:
- 1 magnetic reed switch cable with plug/socket
 - 1 magnet

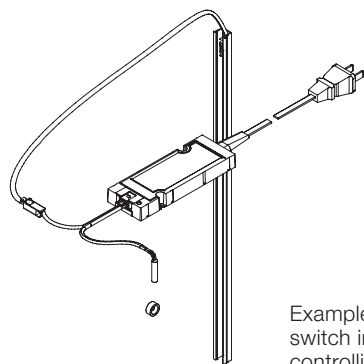
Item No.

833.02.905

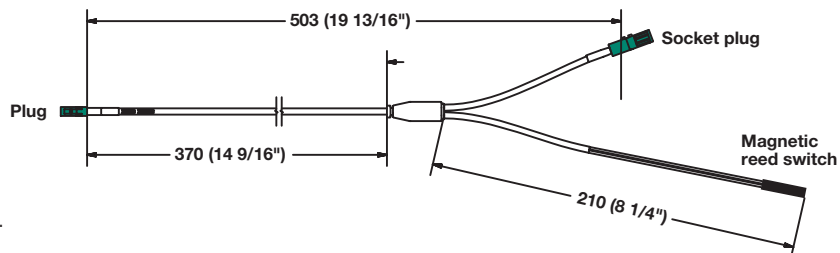
Note

For use with 24 V tunable white 2-wire LED strips and puck lights.

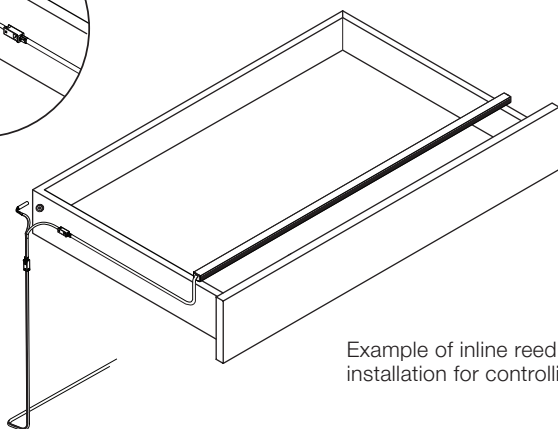
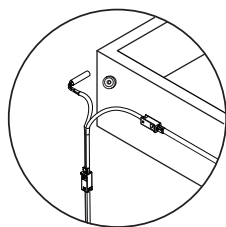
Color temperature can be controlled via 4-way Connect Mesh distributor (850.00.912) paired with any Häfele Connect Mesh wireless switch; a 4-way press-to-pair distributor (850.00.810) paired with a kinetic double rocker wall switch; or with a 6-way distributor with manual color temperature control (833.95.894). Please order separately, see pages 167–170.



Example of inline reed switch installation for controlling a single light.



Scan for video
instructions



Example of inline reed switch installation for controlling a drawer light.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

24 V

TUNABLE WHITE **3-WIRE**



24 V TUNABLE WHITE 3-WIRE

8 MM STRIP LIGHTS

LED 3044	page 174
LED 3047	page 175
LED 3049	page 176

SILICONE STRIP LIGHTS

LED 3060	page 177
LED 3061	page 178
Leads and connectors for 3044/3047/3049/3060/3061	page 179

PUCK LIGHTS

LED 3091	page 180
Trim rings for 3091	pages 181–182

CONTROLS AND ACCESSORIES

6-way distributor	page 183
Connect Mesh 4-way distributor and remote.	page 184
Connect Mesh 6-way distributor and adapter	page 185
Magnetic reed switch	page 186
Extension leads	page 187
Y Distributor	page 187
DimTone/WarmTone wall switches	page 188
DimTone driver	page 189



LED 3044

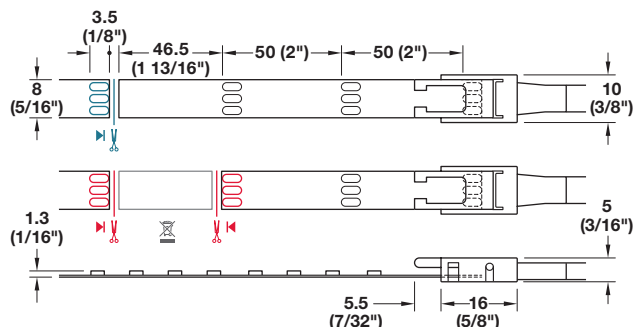
Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 2 x 120/m; 2 x 36/ft.



Tunable white 3-wire, 8 mm 95/16")



- > Tunable color temperature (2700–5000 K)
- > Multiple options for color temperature control



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Color temperature can be controlled with Connect Mesh distributor and wireless switch or remote control; with 6-way distributor with manual color temperature control; or with DimTone hardwired wall switch and driver. Please order separately, see pages 183–185 and 188–189.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°	
1025 lx	1075 lx		250 mm (9 13/16")
425 lx	445 lx		500 mm (19 11/16")
230 lx	245 lx		750 mm (29 1/2")
145 lx	150 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	425	130	89	833.76.332	833.76.333
5000	465	142	97		

Max. strip length (visual): 8.5 m (334 5/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
p. 179



PROFILES
pp. 202–225



DRIVERS
pp. 284–291



SWITCHES
pp. 228–251



DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.



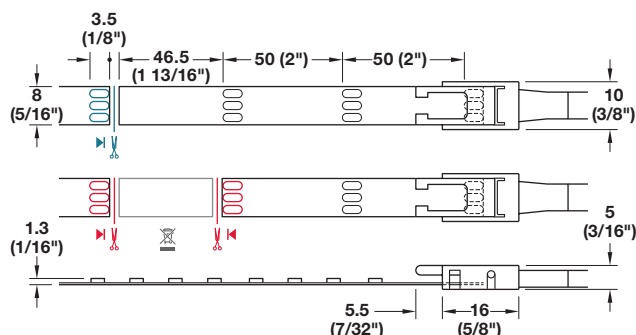


LED 3047

High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 2 x 120/m; 2 x 36/ft. **3-wire**

24
V

Tunable white 3-wire, 8 mm (3/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

- > Tunable color temperature (2700–5000 K)
- > Multiple options for color temperature control

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Color temperature can be controlled with Connect Mesh distributor and wireless switch or remote control; with 6-way distributor with manual color temperature control; or with DimTone hardwired wall switch and driver. Please order separately, see pages 183–185 and 188–189.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°	
1865 lx	2045 lx		250 mm (9 13/16")
785 lx	865 lx		500 mm (19 11/16")
430 lx	475 lx		750 mm (29 1/2")
270 lx	295 lx		1000 mm (39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	825	252	86	833.76.350	833.76.351
5000	930	284	97		

Max. strip length (visual): 6.5 m (255 7/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:

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PROFILES
pp. 202–225

DRIVERS
pp. 284–291

SWITCHES
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DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.



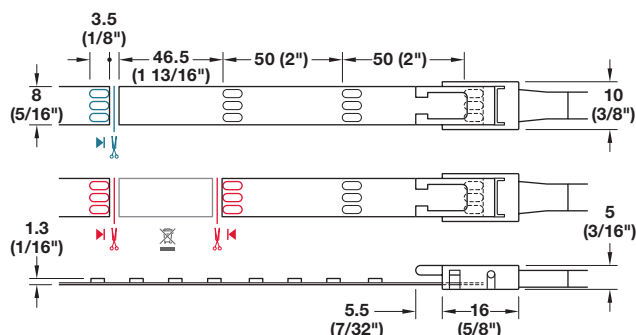


LED 3049

Ultra high intensity
Wattage: 14.4 W/m; 4.5 W/ft.
Diodes: 2 x 120/m; 2 x 36/ft.



Tunable white 3-wire, 8 mm (5/16")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

- > Tunable color temperature (2700–5000 K)
- > Multiple options for color temperature control

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >50
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Color temperature can be controlled with Connect Mesh distributor and wireless switch or remote control; with 6-way distributor with manual color temperature control; or with DimTone hardwired wall switch and driver. Please order separately, see pages 183–185 and 188–189.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°		
2780 lx	2800 lx		250 mm	(9 13/16")
1180 lx	1200 lx		500 mm	(19 11/16")
650 lx	660 lx		750 mm	(29 1/2")
405 lx	415 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	50 m (1968 1/2")*
2700	1230	375	85	833.76.360	833.76.361
5000	1370	418	95		

Max. strip length (visual): 5 m (196 7/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
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pp. 202–225



DRIVERS
pp. 284–291



SWITCHES
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DISTRIBUTORS
pp. 254–259

Note
Suitable for use within closet storage spaces when utilized with profile and lens.





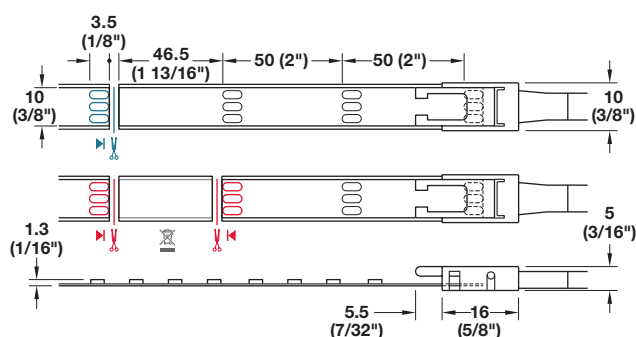
LED 3060 SILICONE

Medium intensity
Wattage: 4.8 W/m; 1.5 W/ft.
Diodes: 2 x 120/m; 2 x 36/ft.



24
V

Tunable white 3-wire, silicone sleeve



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

Note

IP44 lead cables are not available for tunable white 3-wire.

- > Tunable color temperature (2700–5000 K)
- > Multiple options for color temperature control
- > Encased in silicone; a profile is not required

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >90
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: Strip: 8 mm (5/16")
Silicone sleeve: 10 mm (3/8")
- > Height: Strip: 1.3 mm (1/16")
Silicone sleeve: 4.8 mm (3/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Color temperature can be controlled with Connect Mesh distributor and wireless switch or remote control; with 6-way distributor with manual color temperature control; or with DimTone hardwired wall switch and driver. Please order separately, see pages 183–185 and 188–189.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°		
1025 lx	1075 lx		250 mm	(9 13/16")
425 lx	445 lx		500 mm	(19 11/16")
230 lx	245 lx		750 mm	(29 1/2")
145 lx	150 lx		1000 mm	(39 3/8")

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	15 m (590 9/16")*
2700	425	130	89	833.76.387	833.76.388
5000	465	142	97		

Max. strip length (visual): 8.5 m (334 5/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



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SWITCHES
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DRIVERS
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DISTRIBUTORS
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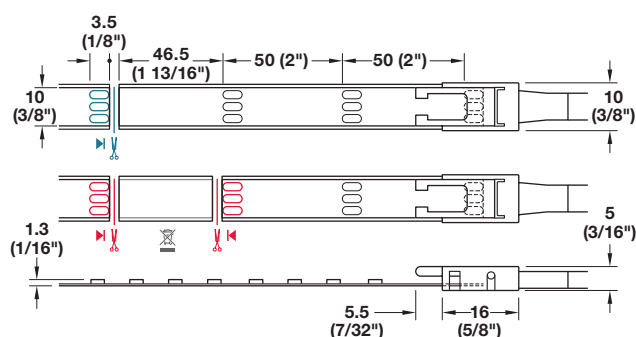


LED 3061

SILICONE

High intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 2 x 120/m; 2 x 36/ft. **3-wire**

Tunable white 3-wire, silicone sleeve



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

Note

IP44 lead cables are not available for tunable white 3-wire.

- > Tunable color temperature (2700–5000 K)
- > Multiple options for color temperature control
- > Encased in silicone; a profile is not required

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >90
- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: Strip: 8 mm (5/16")
Silicone sleeve: 10 mm (3/8")
- > Height: Strip: 1.3 mm (1/16")
Silicone sleeve: 4.8 mm (3/16")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Note

Silicone LED mounting clips, 824.19.423 are available for supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief. Please order separately. For details, see page 310.

Color temperature can be controlled with Connect Mesh distributor and wireless switch or remote control; with 6-way distributor with manual color temperature control; or with DimTone hardwired wall switch and driver. Please order separately, see pages 183–185 and 188–189.

Illuminance value in lx applies to 1 m (39 3/8") strip length:

2700 K	5000 K	120°		
1865 lx	2045 lx		250 mm (9 13/16")	
785 lx	865 lx		500 mm (19 11/16")	
430 lx	475 lx		750 mm (29 1/2")	
270 lx	295 lx		1000 mm (39 3/8")	

Color temperature K	Luminous flux		Luminous efficacy lm/W	Length	
	lm/m	lm/ft.		5 m (196 7/8")	15 m (590 9/16")*
2700	825	252	86	833.76.389	833.76.390
5000	930	284	97		

Max. strip length (visual): 6.5 m (255 7/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

*May require longer delivery time.

YOU MAY
ALSO NEED:



LEADS
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SWITCHES
pp. 228–251



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DISTRIBUTORS
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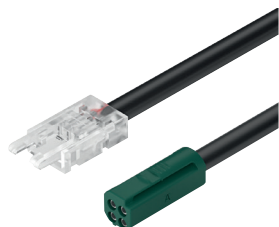


LED 3044/3047/3049/3060/3061



3-wire
24
V

Leads and connectors, tunable white 3-wire



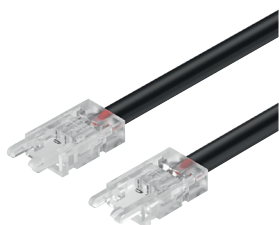
- > 3.5 A/20 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.93.743
2 m (78 3/4")	833.95.708



- > 3.5 A/20 AWG lead with female socket and clip
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.75.751



- > 3.5 A/20 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.89.197
500 mm (19 11/16")	833.89.198
2 m (78 3/4")	833.89.199

For use with 12 V or 24 V tunable white 3-wire LED strip lights



- > 3.5 A clip connector
- > Supplied with: 10 pcs.

Item No.
833.89.208

For use with 12 V or 24 V tunable white 3-wire LED strip lights



- > 3.5 A corner connector, 90° rigid, left or right
- > Supplied with: 10 pcs.

Item No.
833.89.188

For use with 12 V or 24 V tunable white 3-wire LED strip lights



LED 3091

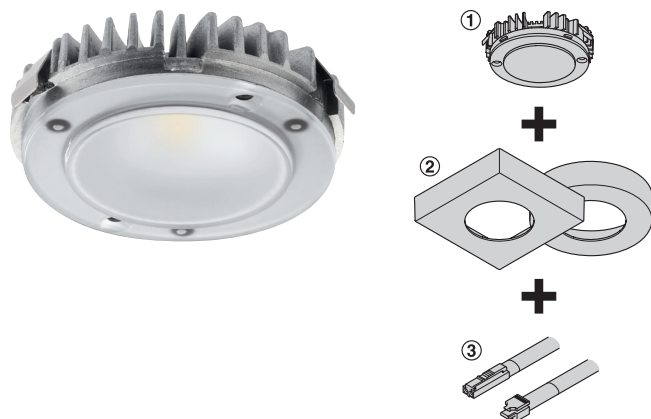
MODULAR PUCK LIGHT

High intensity
Wattage: 3.4 W
Diodes: 12



24
V

Drill hole Ø: 58 mm (2 5/16")



2700 K	5000 K	80°		
2000 lx	2100 lx		250 mm	(9 13/16")
520 lx	550 lx		500 mm	(19 11/16")
220 lx	235 lx		750 mm	(29 1/2")
120 lx	125 lx		1000 mm	(39 3/8")

- > Tunable color temperature (2700–5000 K)
- > Multiple options for color temperature control
- > Customize appearance with wide selection of recess or surface mounted trim rings

- > Color rendering index: R_a : >90
- > Color rendering index: R_g : >55
- > Degree of protection: IP44 as recess mounted light
IP20 as surface mounted light
- > Material: Aluminum
- > Supplied with: 1 puck light

Color temperature K	Luminous flux lm/m	Luminous efficacy lm/W	Item No.
2700	240	72	833.75.178
5000	270	80	

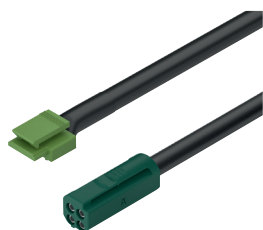
Note

Order lead and trim ring separately.

Order reference

Color temperature can be controlled with Connect Mesh distributor and wireless switch or remote control; with 6-way distributor with manual color temperature control; or with DimTone hardwired wall switch and driver. Please order separately, see pages 183–185 and 188–189.

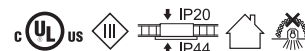
Modular lead, for tunable white 3-wire puck light



- > 1.5 A/24 AWG, with snap-in connector

Length	Item No.
2 m (78 3/4")	833.95.790

YOU MAY
ALSO NEED:

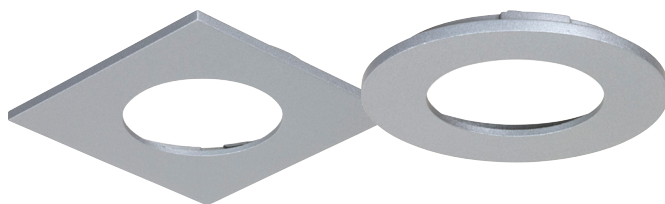


MODULAR PUCK TRIM RINGS

LED 3091

24
V

Metal recess mount trim ring, drill hole: Ø58 mm (2 5/16")

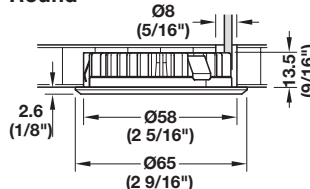


- > IP44 degree of protection
- > Material: Steel

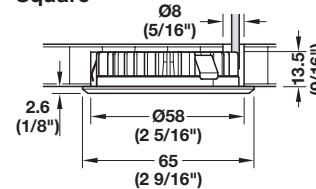
Color	Round	Square
silver colored	833.72.500	833.72.506
black	833.72.501	833.72.507
white	833.72.502	833.72.508
polished chrome colored	833.72.503	833.72.509
brass colored	833.72.504	833.72.510
copper colored	833.72.505	833.72.511



Round



Square



Plastic recess trim ring, drill hole: Ø58 mm (2 5/16")

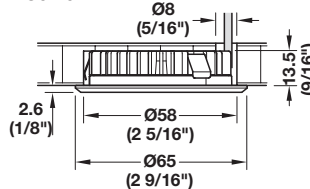


- > IP44 degree of protection
- > Material: Plastic

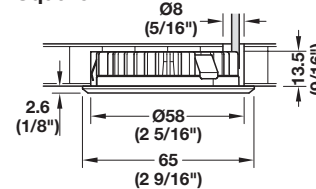
Color	Round	Square
black	833.72.168	833.72.172
anthracite	833.72.380	833.72.383
brown	833.72.381	833.72.384
matt nickel-plated	833.72.170	833.72.174
stainless steel colored	833.72.382	833.72.385
silver colored	833.72.126	833.72.127
white, RAL 9003	833.72.171	833.72.175



Round



Square

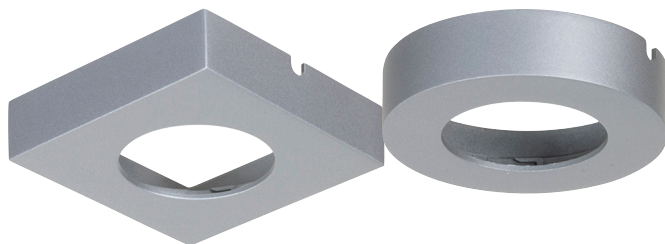


MODULAR PUCK TRIM RINGS

LED 3091

24
V

Metal surface mount trim ring

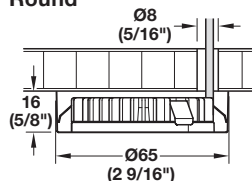


- > IP20 degree of protection
- > Material: Steel

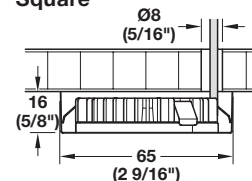
Color	Round	Square
silver colored	833.72.512	833.72.518
black	833.72.513	833.72.519
white	833.72.514	833.72.520
polished chrome colored	833.72.515	833.72.521
brass colored	833.72.516	833.72.522
copper colored	833.72.517	833.72.523



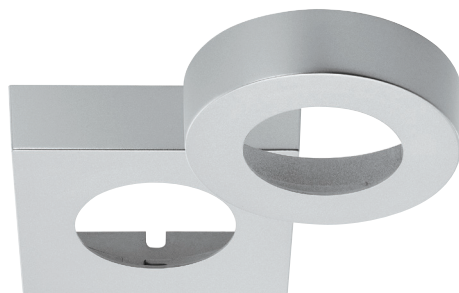
Round



Square

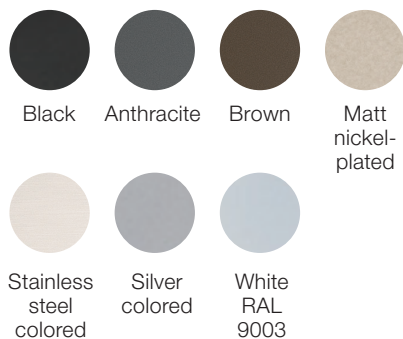


Plastic surface mount trim ring

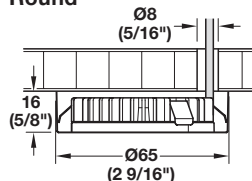


- > IP20 degree of protection
- > Material: Plastic

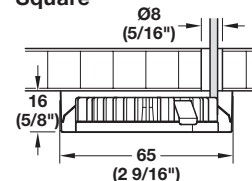
Color	Round	Square
black	833.72.160	833.72.164
anthracite	833.72.193	833.72.195
brown	833.72.192	833.72.196
matt nickel-plated	833.72.162	833.72.166
stainless steel colored	833.72.194	833.72.197
silver colored	833.72.124	833.72.125
white, RAL 9003	833.72.163	833.72.167



Round



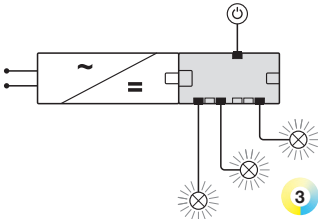
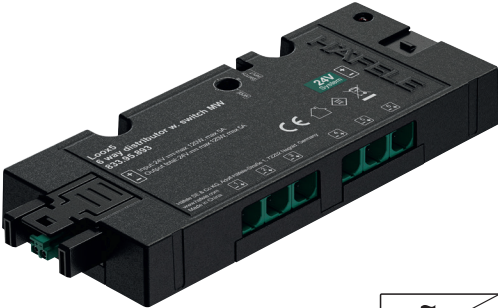
Square



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

6-WAY DISTRIBUTOR WITH MANUAL COLOR TEMPERATURE CONTROL

For tunable white 3-wire, with switch port



- > Connect tunable white 3-wire lights directly without adapters
- > Change color temperature by pushing button on distributor; Bluetooth® or app is not required
- > Toggle between four color temperatures (2700 K, 3000 K, 4000 K, 5000 K)
- > For setting color temperature during installation; not designed for end-user control
- > On/Off and dimming is controlled with standard Loox wired switches connected to the switch port
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch socket
6 x output ports
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Max. connected wattage	Item No.
90 W	833.95.893

Note
Compatible with tunable white 3-wire 24 V LED strip and puck lights.



Scan for video instructions

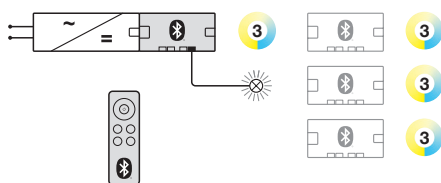
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

CONNECT MESH 4-WAY DISTRIBUTOR AND REMOTE

PRE-PAIRED SET FOR TUNABLE WHITE 3-WIRE

Bluetooth® wireless control

24
V



Single Channel Functionality

By default, the remote controls all the lights together. When you select one of the four channels on the remote, the remote will only control the lights connected to the mesh box that was assigned to that channel during the pairing process.

- > Distributor and remote are "pre-paired"; app is not required
- > Tunable white 3-wire ports; no adapters needed
- > Ideal for smaller installations with up to 4 distributors and 1 remote control

- > For switching on/off, dimming (0–100%) and color temperature control for tunable white 3-wire lights
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
4 x output ports with 3-pin sockets for tunable white 3-wire lights
- > L x W x H: Distributor: 105 x 50 x 16 mm (4 1/8" x 2" x 5/8")
Remote control: 125 x 40 x 12 mm
(4 15/16" x 1 5/8" x 15/32")
- > Material/Color: Plastic, black
- > Supplied with:
1 Connect Mesh 4-way tunable white 3-wire distributor
1 remote control with CR2032 battery included

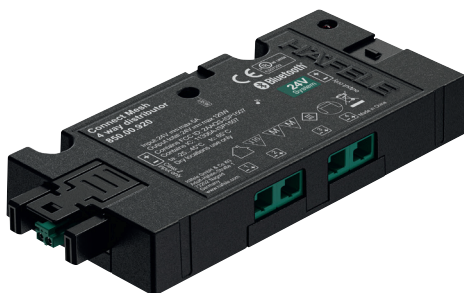
Voltage	Wattage capacity	Item No.
24 V	72 W	850.00.984

Ordering information

Connect Mesh pre-paired sets are expandable up to 4 distributors. Please order additional distributors separately.

For full Connect Mesh functionality with app control, please use the Connect Mesh 6-way distributor.

Bluetooth® Connect Mesh 4-way tunable white 3-wire distributor



- > Individual Connect Mesh tunable white 3-wire distributor for adding to existing pre-paired sets
- > Easily paired with remote; app is not required

- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 4-way tunable white 3-wire distributor

Voltage	Wattage capacity	Item No.
24 V	72 W	850.00.958

NEW

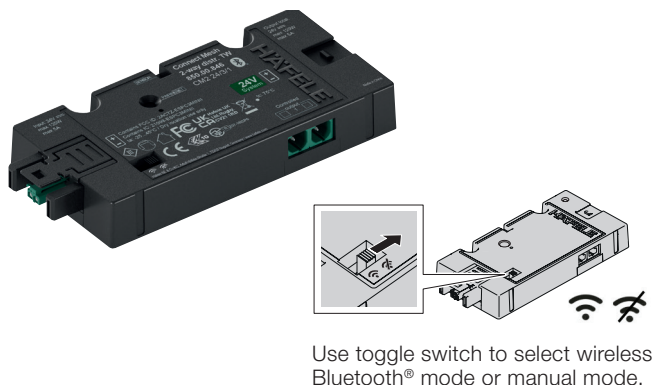
3

CONNECT MESH 2-WAY DISTRIBUTOR FOR TUNABLE WHITE 3-WIRE

3-wire

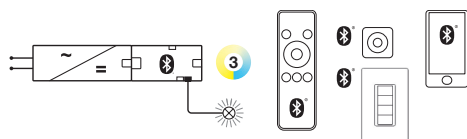
24
V

 Switchable between wireless Bluetooth® and manual control modes



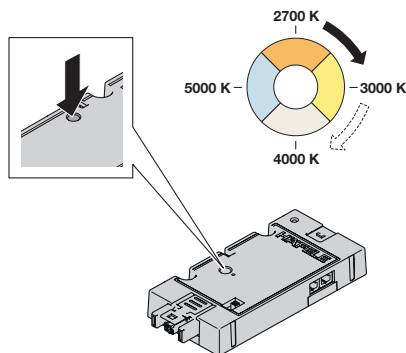
Wireless Bluetooth® mode

- > Control color temperature and light intensity wirelessly
- > Connect with any Häfele Connect Mesh wireless switch or remote with EasyPairing
- > Use Häfele Connect Mesh app 2.0 for full functionality or for customizing network settings



Manual Control mode

- > Control color temperature manually by pushing button on distributor; 4 selection options: 2700 K, 3000 K, 4000 K and 5000 K
- > Connect a wired switch to the switch port to control on/off and dimming
- > For wireless control of on/off/dimming, attach Connect Mesh receiver (850.00.860) to the switch port. Order separately. See page 241E.



- > Color temperature and dimming can be controlled wirelessly or manually
- > Switch port for wired switches/sensors can be used in either wireless or manual modes
- > 2 output ports; both output ports are controlled together
- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches and remotes

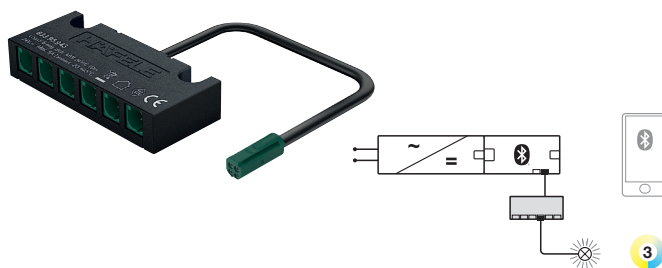
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch port
2 x output ports; operates as 1 control channel
- > L x W x H: 115 x 50 x 16 mm (4 1/2" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 2-way distributor

Voltage	Max. connected wattage	Item No.
24 V	90 W	850.00.846

Note

Compatible with tunable white 3-wire LED strip and puck lights. This item is replacing 850.00.958, 850.00.984 and 833.95.893.

6-WAY DISTRIBUTOR FOR TUNABLE WHITE 3-WIRE



- > For adding additional lights to 2-way Connect Mesh distributors
- > All lights operate as 1 control channel

- > Number of connections: 1 x Tunable White 3-wire cable with male 3-pin plug
6 x Tunable White 3-wire output ports
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Voltage	Max. connected wattage	Item No.
24 V	90 W	833.95.943

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



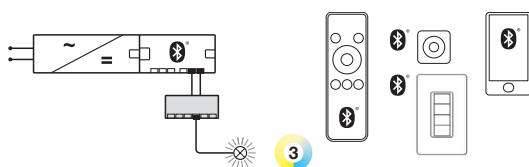
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CONNECT MESH 6-WAY DISTRIBUTOR WITH TUNABLE WHITE 3-WIRE ADAPTER

3-wire

24
V

Bluetooth® wireless control, with switch port



Use with Häfele Connect Mesh app 2.0



App 2.0
for Android™



App 2.0
for Apple iOS®

- > Full Connect Mesh functionality
- > Lights in the network can be controlled with any Häfele wireless or wired switch, or with mobile devices using the Häfele Connect Mesh app.

- > For switching on/off, dimming (0–100%) and color temperature control for tunable white 3-wire lights
- > With programmable switch port for standard switches
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch port
6 x output ports with 2-pin sockets
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 6-way distributor

Voltage	Max. connected wattage	Item No.
24 V	90 W	850.00.043

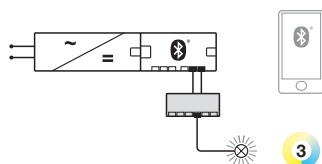
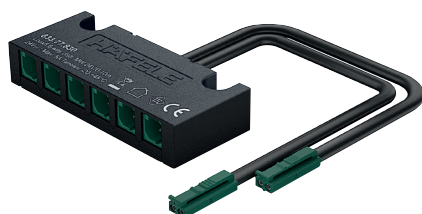
Note

Compatible with monochrome LED strip and puck lights; and with tunable white 3-wire and RGB lights with an adapter. Please order the tunable white 3-wire adapter separately.

Tunable white 2-wire lights are not compatible with Connect Mesh 6-way distributors.

TUNABLE WHITE 3-WIRE ADAPTER

Use with the Connect Mesh 6-way distributor



- > For connecting tunable white 3-wire lights to the Connect Mesh 6-way distributor

- > Number of connections: 2 x integrated cables with male plugs
6 x output ports with 3-pin sockets for tunable white 3-wire LED strip or puck lights
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 tunable white 3-wire adapter with (2) 80 mm (3 1/8") integrated leads

Voltage	Wattage capacity	Item No.
24 V	90 W	833.77.830

Note

Each tunable white 3-wire adapter occupies 2 adjacent output ports on the Connect Mesh 6-way distributor.

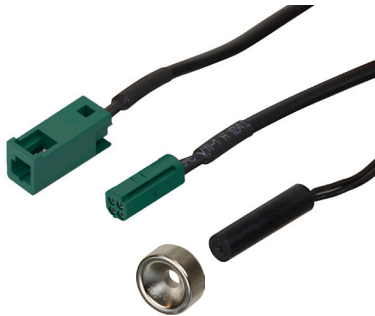
NEW

3

MAGNETIC REED SWITCH FOR TUNABLE WHITE 3-WIRE



With in-line lead cable

24
V

- > Ideal for controlling a single light e.g., drawer lights
- > Connects directly to a driver or distributor output port; the switch port is not required

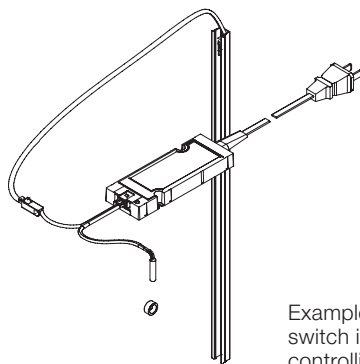
- > Supplied with:
- 1 magnetic reed switch cable with plug/socket
 - 1 magnet

Item No.
833.05.856

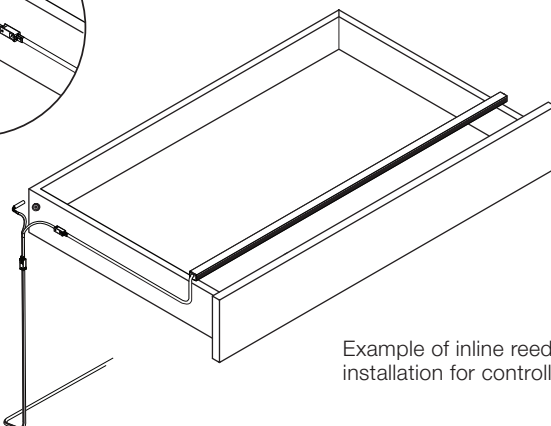
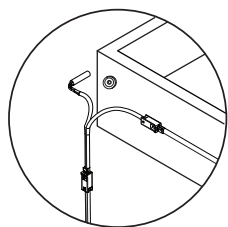
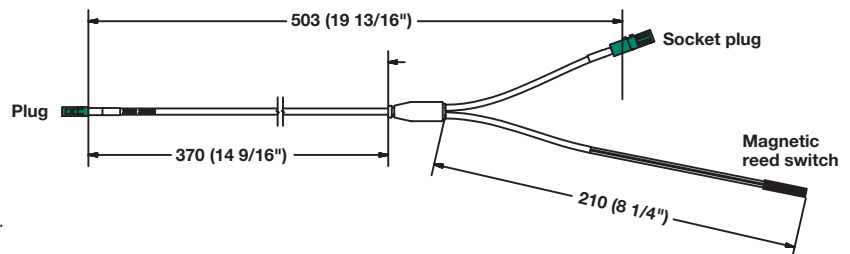
Note

For use with 24 V tunable white 2-wire LED strips and puck lights.

Color temperature can be controlled with Connect Mesh distributor and wireless switch or remote control; with 6-way distributor with manual color temperature control; or with DimTone hardwired wall switch and driver. Please order separately, see pages 183–185 and 188–189.



Example of inline reed switch installation for controlling a single light.



Example of inline reed switch installation for controlling a drawer light.



Scan for video instructions

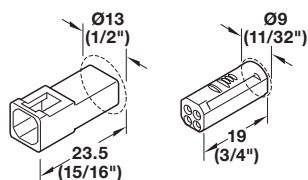
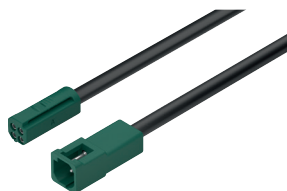
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



EXTENSION LEADS FOR TUNABLE WHITE 3-WIRE

24
V

Extension leads



- > Current carrying capacity: Max. 3.5 A
- > Type of cable: 20 AWG
- > Drill hole Ø: Plug 9 mm (3/8''); socket 13 mm (1/2'')
- > Material: Plastic
- > Supplied with: 1 extension lead, plug/socket

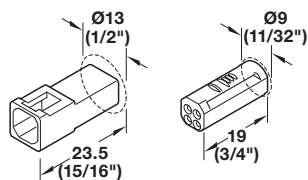
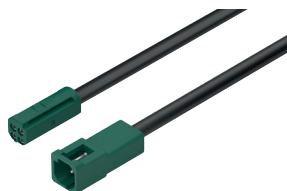
Note

Maximum lead length from the driver to the device is 10 m (32.8').

Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable, leading to visible loss of brightness in the lights.

200 mm (7 7/8'')	300 mm (11 13/16'')	500 mm (19 11/16'')	600 mm (23 5/8'')	750 mm (29 1/2'')	1 m (39 3/8'')	2 m (78 3/4'')
833.95.792	833.95.793	833.95.794	833.95.795	833.95.897	833.95.796	833.95.720

Extension lead, CL3R, for in-wall installation



- > Cable assemblies designed to be routed behind the dry wall

Meets the following codes for wire and cable locations:

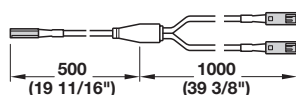
- > NEC article 411 Lighting systems operating at 30 V or less attached to Class 2 power
- > NEC article 725.135 Installation of Class 2 cable
- > NEC article 411.5 Specific Location Requirements

- > Current carrying capacity: Max. 3.5 A
- > Type of cable: Wire gauge: 20 AWG; Wire type: CL3R
Construction: 3-conductor, stranded copper
Rating: Class 2, double insulated
- > Drill hole Ø: Plug 9 mm (3/8''); socket 13 mm (1/2'')
- > Material: Plastic
- > Supplied with: 1 extension lead, plug/socket

Length	Item No.
2 m (78 3/4'')	833.75.757

Y DISTRIBUTOR 3-WIRE

2-way, 1 male, 2 female



- > Max. connected wattage: 90 W
- > Material/Color: Plastic, black
- > Supplied with: 1 lead, plug/2 sockets

Length	Item No.
1.5 m (59 1/16'')	833.93.739



DIMTONE 2 HARDWIRED WALL SWITCH

FOR TUNABLE WHITE 3-WIRE



24
V

Wall switch with color temperature and dimming control



- > Now fits standard Decora style multi-switch wall plate
- > Smooth color temperature control
- > Flicker-free dimming - compliant to IEEE and Title 24
- > A single wall switch can control multiple drivers
- > Simple installation with no compatibility issues

- > For on/off, dimming (0–100%), and color temperature control of tunable white 3-wire lights
- > On/off rocker switch with side slide color temperature and dimming controls
- > Dimmer controls driver via wireless RF signal
- > Wattage: 600 W/m; 183 W/ft.
- > L x W x H: 119 x 75 x 41 mm (4 11/16" x 3 7/8" x 1 3/4")
- > Fits US Standard gang box
- > Material/Color: Plastic, white
- > Supplied with:
 - Wall plate
 - Mounting screws
 - Wire nuts
 - Installation instructions

Note
Use only in conjunction with DimTone dimmable driver.

Item No.
833.03.066

WARMTONE HARDWIRED WALL SWITCH

FOR DIM-TO-WARM CONTROL OF TUNABLE WHITE 3-WIRE

Wall switch with dim-to-warm dimming control



- > While dimming, color temperature simultaneously is reduced, simulating incandescent lights
- > Flicker-free dimming - compliant to IEEE and Title 24
- > A single wall switch can control multiple drivers
- > Simple installation with no compatibility issues

- > For on/off, and dim-to-warm control
- > On/off rocker switch with side slide dimming/color temperature control
- > Color temperature ranges from 4000 K at 100% to 2700 K at 0%
- > Wattage: 600 W/m; 183 W/ft.
- > L x W x H: 119 x 75 x 41 mm (4 11/16" x 3 7/8" x 1 3/4")
- > Fits US Standard gang box
- > Material/Color: Plastic, white
- > Supplied with:
 - Wall plate
 - Mounting screws
 - Wire nuts
 - Installation instructions

Note
Use only in conjunction with DimTone dimmable driver.

Item No.
833.03.011

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



DIMTONE HARDWIRED DRIVER FOR TUNABLE WHITE 3-WIRE



Dimmable driver with color temperature control

24
V



- > Same wire set as a standard LED driver
- > Superior dimming - flicker free to 0.1%
- > No minimum load
- > Wiring compartment with knockouts for safe and easy installation

- > Input voltage: 120 V 60 Hz
- > L x W x H: 213 x 104 x 38 mm (8" x 4 1/8" x 1 1/2")
- > Supplied with:
 - Mounting screws
 - Wire nuts
 - Installation instructions

Wattage	Item No.
90 W	833.03.007

Note
Use only in conjunction with DimTone or WarmTone wall dimming and color temperature controls. For installation by a qualified electrician in accordance with local and national electrical codes.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

24 V

RGB
LIGHTS



24 V RGB LIGHTS

10 MM STRIP LIGHTS

LED 3080	page 192
Leads and connectors for 3080	page 193

PUCK LIGHTS

LED 3081	page 194
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CONTROLS AND ACCESSORIES

6-way distributor	page 195
Connect Mesh 4-way distributor and remote	page 196
Connect Mesh 6-way distributor and adapter	page 197
Extension leads	pages 198–199

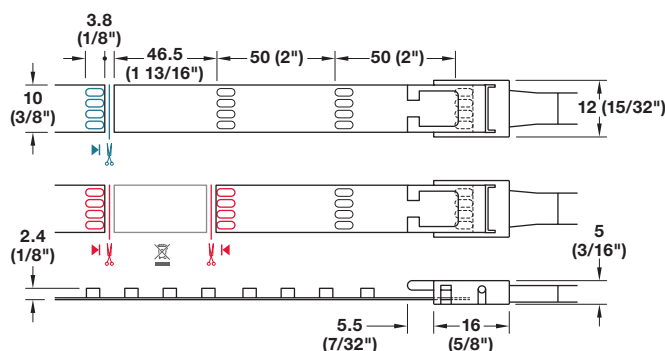


LED 3080

Medium intensity
Wattage: 9.6 W/m; 3 W/ft.
Diodes: 120/m; 36/ft.

24
V

RGB, 10 mm (3/8")



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)
- > Can be shortened every 50 mm (2")

> Mix red, green and blue to create desired color

- > Degree of protection: IP20
- > Lifetime: >50,000 h
- > Width: 10 mm (3/8")
- > Height: 2.4 mm (1/8")
- > Material/Color: Plastic, white
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Luminous flux		Luminous efficacy	Length
lm/m	lm/ft.	lm/W	5 m (196 7/8")
530	162	51	833.76.386

Note

Order lead separately.

Max. strip length (visual): 6.5 m (255 7/8")

Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.

Color can only be controlled via Connect Mesh distributor (850.00.986) and remote control or with 6-way distributor with manual RGB control (833.95.891). Please order separately, see pages 195–196.

YOU MAY
ALSO NEED:

✓ LEADS
p. 193

✓ PROFILES
pp. 202–225

✓ DRIVERS
pp. 284–291

✓ SWITCHES
pp. 228–251

✓ DISTRIBUTORS
pp. 254–259



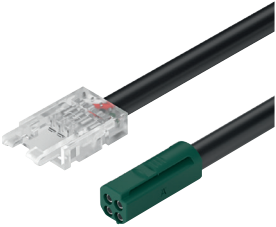
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



LED 3080

Leads and connectors, RGB

24
V



- > 3.5 A/20 AWG lead
- > Supplied with: 1 lead, clip/plug

Length	Item No.
100 mm (4")	833.75.749
2 m (78 3/4")	833.95.710



- > 3.5 A/20 AWG lead with female socket and clip
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.75.752



- > 3.5 A/20 AWG interconnecting lead
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.89.200
500 mm (19 11/16")	833.89.201
2 m (78 3/4")	833.89.202

For use with 12 V or 24 V RGB LED strip lights



- > 3.5 A Clip connector
- > Supplied with: 10 pcs.

Item No.
833.89.209

For use with 12 V or 24 V RGB LED strip lights



- > 3.5 A Corner connector, 90° rigid, left or right
- > Supplied with: 10 pcs.

Item No.
833.89.189

For use with 12 V or 24 V RGB LED strip lights

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



LED 3081

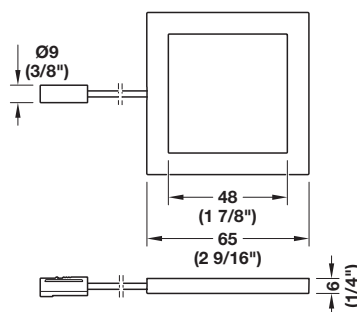
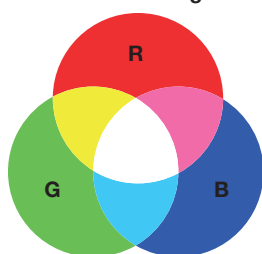
Low intensity
Wattage: 0.7 W
Diodes: 6

24
V

Surface mounted, 65 x 65 mm (2 9/16" x 2 9/16")



Color mixing



> Mix red, green and blue to create desired color

- > Height: 6 mm (1/4")
- > Degree of protection: IP20
- > Refraction angle: 115°
- > Material/Color: Plastic, silver colored
- > Supplied with:
1 light with pre-attached 2 m (78 3/4") lead
Mounting materials

Luminous flux lm	Luminous efficacy lm/W	Item No.
20	29	833.77.230

Note

Color can only be controlled via Connect Mesh distributor (850.00.986) and remote control or with 6-way distributor with manual RGB control (833.95.891). Please order separately, see pages 195–196.

YOU MAY
ALSO NEED:



DRIVERS
pp. 284–291



SWITCHES
pp. 228–251



DISTRIBUTORS
pp. 254–259



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

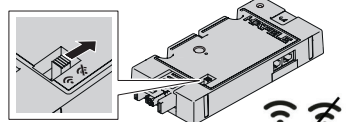


NEW

CONNECT MESH 2-WAY DISTRIBUTOR FOR RGB

24
V

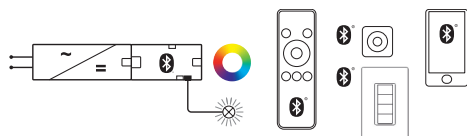
Switchable between wireless Bluetooth® and manual control modes



Use toggle switch to select wireless Bluetooth® mode or manual mode.

Wireless Bluetooth® mode

- > Control color selection and light intensity wirelessly
- > Connect with any Häfele Connect Mesh wireless switch or remote with EasyPairing
- > Use Häfele Connect Mesh app 2.0 for full functionality or for customizing network settings



Manual Control mode

- > Control color manually by pushing button on distributor; 8 color options: red, orange, yellow, green, cyan, blue, violet, magenta. With another push of the button, it will phase through each of the colors in an 80 second cycle
- > Connect a wired switch to the switch port to control on/off and dimming
- > For wireless control of on/off/dimming, attach Connect Mesh receiver (850.00.860) to the switch port. Order separately. See page 241E.

- > Color selection and dimming can be controlled wirelessly or manually
- > Switch port for wired switches/sensors can be used in either wireless or manual modes
- > 2 output ports; both output ports are controlled together
- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches and remotes

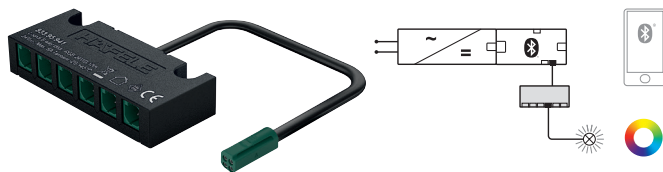
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch port
2 x output ports; operates as 1 control channel
- > L x W x H: 115 x 50 x 16 mm (4 1/2" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 2-way distributor

Voltage	Wattage capacity	Item No.
24 V	90 W	850.00.848

Note

Compatible with RGB LED strip and puck lights.
This item is replacing 850.00.960, 850.00.986 and 833.95.891.

6-WAY DISTRIBUTOR FOR RGB



- > For adding additional lights to 2-way Connect Mesh distributors
- > All lights operate as 1 control channel

- > Number of connections: 1 x RGB 4-wire cable with male 4-pin plug
6 x RGB 4-wire output ports
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Voltage	Max. connected wattage	Item No.
24 V	90 W	833.95.941

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



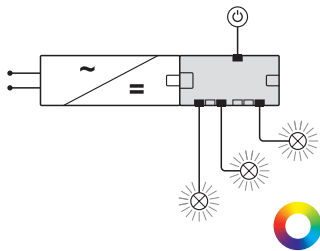
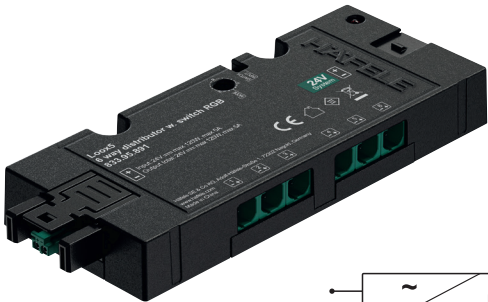
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6-WAY DISTRIBUTOR WITH MANUAL RGB COLOR CONTROL

For RGB lights, with switch port

24
V



- > Connect RGB lights directly without adapters
- > Change color by pushing button on distributor; Bluetooth® or app is not required
- > Toggle between eight colors (red, orange, yellow, green, cyan, blue, violet and magenta)
- > With another push of the button, colors will rotate through all the colors on an 80-second cycle

- > For setting preferred color during installation; not designed for end-user control
- > On/off and dimming is controlled with standard wired switches connected to switch port
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch socket
6 x output ports
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Voltage	Max. connected wattage	Item No.
24 V	90 W	833.95.891

Note
Compatible with RGB LED strip and puck lights.



Scan for video
instructions

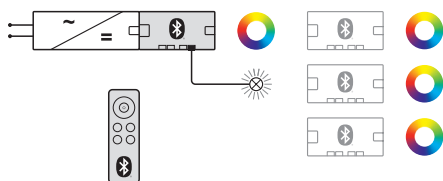
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



CONNECT MESH 4-WAY DISTRIBUTOR AND REMOTE PRE-PAIRED SET FOR RGB

24
V

Bluetooth® wireless control



Single Channel Functionality

By default, the remote controls all the lights together. When you select one of the four channels on the remote, the remote will only control the lights connected to the mesh box that was assigned to that channel during the pairing process.

- > Distributor and remote are "pre-paired"; app is not required
- > RGB ports; no adapters needed
- > Ideal for smaller installations with up to 4 distributors and 1 remote control

- > For switching on/off, dimming (0–100%) and color selection for RGB lights
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
4 x output ports with 4-pin sockets
- > L x W x H: Distributor: 105 x 50 x 16 mm (4 1/8" x 2" x 5/8")
Remote control: 125 x 40 x 12 mm
(4 15/16" x 1 5/8" x 15/32")
- > Material/Color: Plastic, black
- > Supplied with:
1 Connect Mesh 4-way RGB distributor
1 remote control with CR2032 battery included

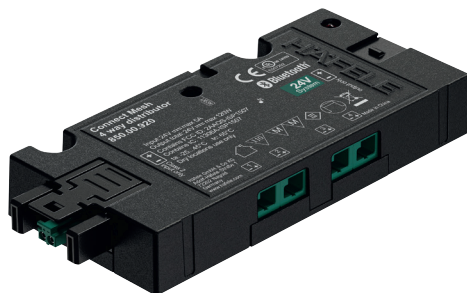
Voltage	Wattage capacity	Item No.
24 V	72 W	850.00.986

Ordering information

Connect Mesh pre-paired sets are expandable up to 4 distributors. Please order additional distributors separately.

For full Connect Mesh functionality with app control, please use the Connect Mesh 6-way distributor.

Bluetooth® Connect Mesh 4-way RGB distributor



- > Individual Connect Mesh RGB distributor for adding to existing pre-paired sets.
- > Easily paired with remote; app is not required

- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 4-way RGB distributor

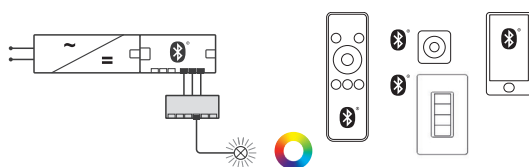
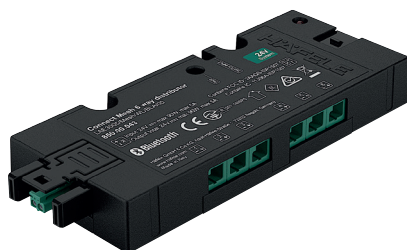
Voltage	Wattage capacity	Item No.
24 V	72 W	850.00.960



CONNECT MESH 6-WAY DISTRIBUTOR WITH RGB ADAPTER

24
V

Bluetooth® wireless control, with switch port



Use with Häfele Connect Mesh app 2.0



App 2.0
for Android™



App 2.0
for Apple iOS®

- > Full Connect Mesh functionality
- > Lights in the network can be controlled with any Häfele wireless or wired switch, or with mobile devices using the Häfele Connect Mesh app

- > For switching on/off, dimming (0–100%) and color selection for RGB lights
- > With programmable switch port for standard Loox switches
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch port
6 x output ports with 2-pin sockets
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 6-way distributor

Voltage	Max. connected wattage	Item No.
24 V	90 W	850.00.043

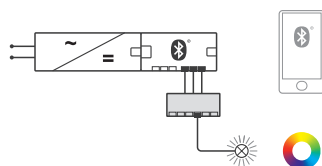
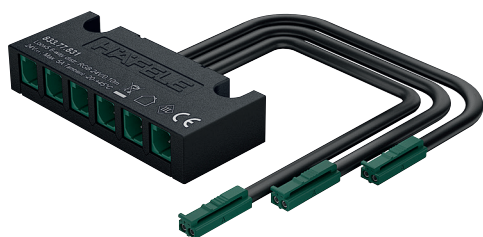
Note

Compatible with monochrome LED strip and puck lights; and with tunable white 3-wire and RGB lights with an adapter. Please order the RGB adapter separately.

Tunable white 2-wire lights are not compatible with Connect Mesh 6-way distributors.

RGB ADAPTER

Use with the Connect Mesh 6-way distributor



- > For connecting RGB lights to the Connect Mesh 6-way distributor

- > Number of connections: 3 x integrated cables with male plugs
6 x output ports with 4-pin sockets for RGB LED strip or puck lights
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 RGB adapter with (3) 80 mm (3 1/8") integrated leads

Voltage	Wattage capacity	Item No.
24 V	90 W	833.77.831

Note

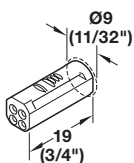
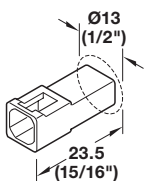
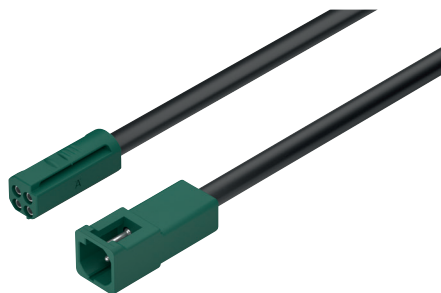
1 RGB adapter occupies 3 adjacent output ports on the Connect Mesh 6-way distributor.



EXTENSION LEAD FOR RGB

24
V

Extension lead



- > Current carrying capacity: Max. 3.5 A
- > Type of cable: 4-wire 20 AWG
- > Length: 2 m (78 3/4")
- > Drill hole Ø: Plug 9 mm (11/32"), socket 13 mm (1/2")
- > Material: Plastic
- > Supplied with: 1 extension lead, plug/socket

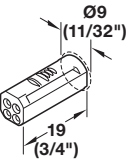
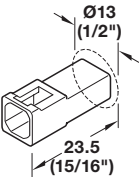
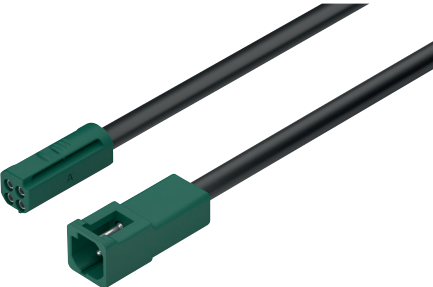
Item No.

833.95.721



EXTENSION LEAD FOR RGB

Extension lead, CL3R, for in-wall installation



> Cable assemblies designed to be routed behind the dry wall

Meets the following codes for wire and cable locations:

- > NEC article 411 Lighting systems operating at 30 V or less attached to Class 2 power
- > NEC article 725.135 Installation of Class 2 cable
- > NEC article 411.5 Specific Location Requirements

- > Current carrying capacity: Max. 3.5 A
- > Type of cable: Wire gauge: 20 AWG; Wire type: CL3R
Construction: 4-conductor, stranded copper
Rating: Class 2, double insulated
- > Length: 2 m (78 3/4")
- > Drill hole Ø: Plug 9 mm (11/32"), socket 13 mm (1/2")
- > Material: Plastic
- > Supplied with: 1 extension lead, plug/socket

	Item No.
	833.75.758

24
V

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



PROFILES



PROFILES

PROFILE GUIDE pages 202–204

PLASTIC PROFILES

Recess mounted

Profiles 1101/1102 page 205

Profile 1109 page 206

ALUMINUM PROFILES

Recess mounted

Profiles 1103/1104 page 207

Profile 1105 page 208

Profile 1106 page 209

Profile 1107 page 210

Profiles 1190/1191 page 211

Profile 1192 page 212

Surface mounted

Profile 2102 page 213

Profile 2103 page 214

Profile 2104 page 215

Profiles 2190/2191 page 216

Flush recess mounted, no flange

Profile 2101 page 217

Profiles 2190/2197/2191 page 218

Profiles 4105/4106 page 219

SPECIALTY PROFILES

Profile 2194, drawer profile page 220

Profile 2195, corner profile page 221

Profile 5105, glass edge profile page 222

Profile 5111, wardrobe tube profiles page 222

ONE-PIECE PLASTIC, CO-EXTRUDED

Recess mounted

Profile 3108 page 223

Surface mounted

Profile 4108 page 223

DIFFUSERS AND LENSES

Diffusers for 1103–1107, 2101–2104 page 224

Replacement lenses for
1190–1192, 2190–2192 page 224

Replacement flat lens for
2190–2191, 2197 page 224

Dado lens cover page 225

Cooling strip 2196 page 225

MOUNTING STRIPS

Angled strip 5115 page 225

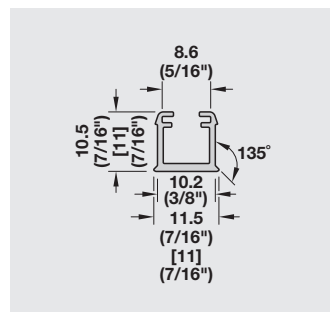
Corner strip 5116 page 225

PROFILES

Recess mounted profiles - Plastic

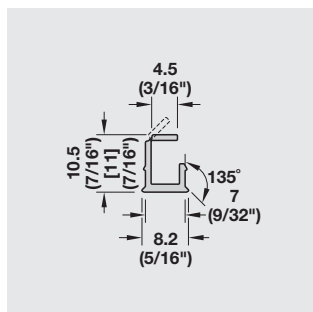
12
V

24
V



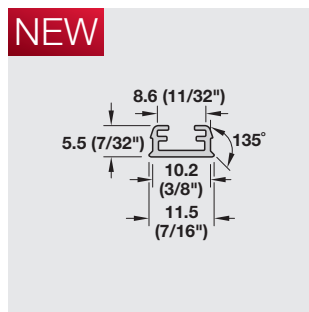
Profile 1101
Page 205

> Max. strip width: 8 mm (5/16")



Profile 1102
Page 205

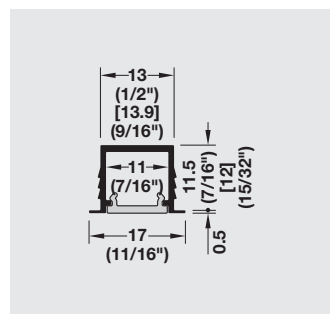
> Max. strip width: 5 mm (3/16")



Profile 1109
Page 206

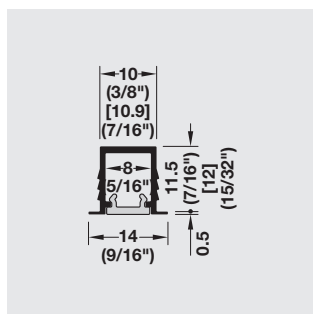
> Max. strip width: 8 mm (5/16")

Recess mounted profiles - Aluminum



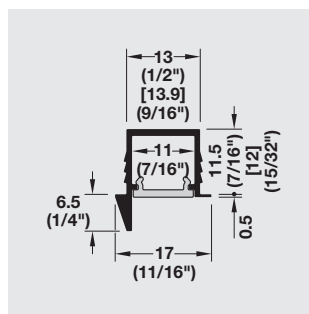
Profile 1103
Page 207

> Max. strip width: 8 mm (5/16")



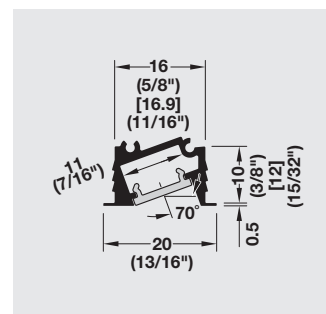
Profile 1104
Page 207

> Max. strip width: 5 mm (3/16")



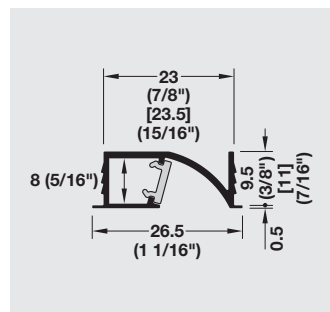
Profile 1105
Page 208

> Max. strip width: 8 mm (5/16")
with anti-glare shield



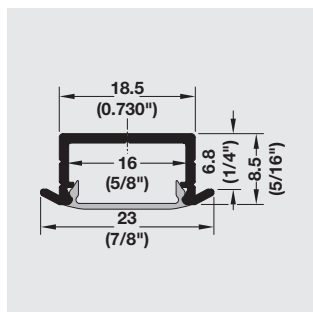
Profile 1106
Page 209

> Max. strip width: 5 mm (3/16"),
angled light distribution



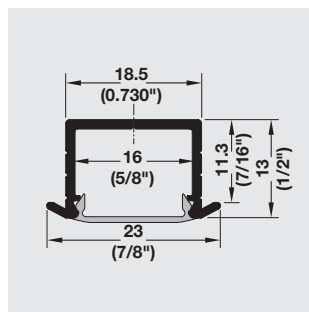
Profile 1107
Page 210

> Max. strip width: 5 mm (3/16"),
angled light distribution



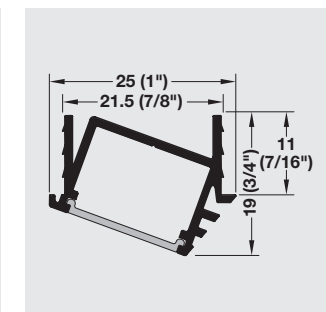
Profile 1190
Page 211

> Max. strip width: 10 mm (3/8")



Profile 1191
Page 211

> Max. strip width: 10 mm (3/8")



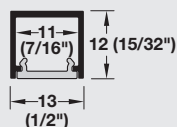
Profile 1192
Page 212

> Max. strip width: 10 mm (3/8")

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

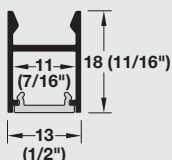
PROFILES

Surface mounted profiles - Aluminum



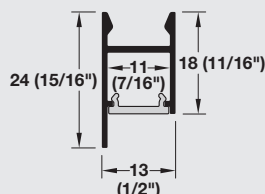
Profile 2102
Page 213

> Max. strip width: 8 mm (5/16")



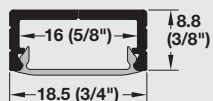
Profile 2103
Page 214

> Max. strip width: 8 mm (5/16")



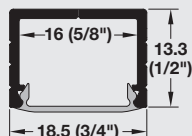
Profile 2104
Page 215

> Max. strip width: 8 mm (5/16"),
with anti-glare shield



Profile 2190
Page 216

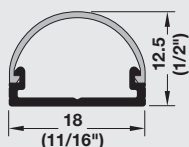
> Max. strip width: 10 mm (3/8")



Profile 2191
Page 216

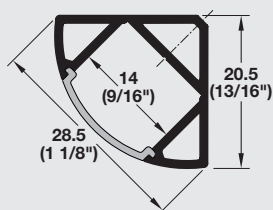
> Max. strip width: 10 mm (3/8")

Specialty profiles



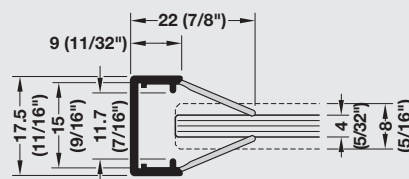
Profile 2194
Page 220

> Max. strip width: 10 mm (3/8")



Profile 2195
Page 221

> Max. strip width: 10 mm (3/8")



Profile 5108
Page 222

> Max. strip width: 10 mm (3/8"), angled light distribution

12
V

24
V

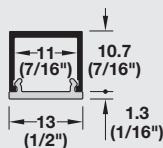
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PROFILES

Flush recess mounted profiles, no flange - Aluminum

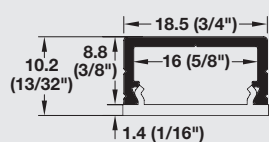
12
V

24
V



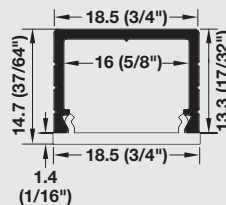
Profile 2101
Page 217

> Max. strip width: 8 mm (5/16")



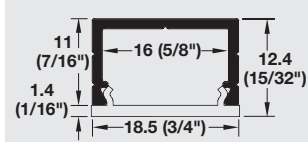
Profile 2190, with flat lens
Page 218

> Max. strip width: 10 mm (3/8")



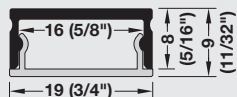
Profile 2191, with flat lens
Page 218

> Max. strip width: 10 mm (3/8")



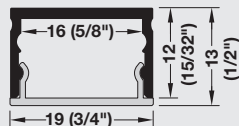
Profile 2197, with flat lens
Page 218

> Max. strip width: 10 mm (3/8")



Profile 4105
Page 219

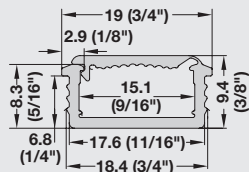
> Max. strip width: 10 mm (3/8")



Profile 4106
Page 219

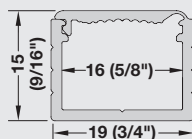
> Max. strip width: 10 mm (3/8")

One-piece profiles - Plastic



Profile 3108
Page 223

> Max. strip width: 10 mm (3/8")



Profile 4108
Page 223

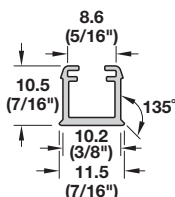
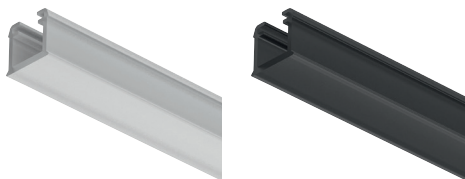
> Max. strip width: 10 mm (3/8")

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PROFILES 1101/1102

PLASTIC

Recess mounted profile 1101, for 8 mm (5/16") LED strips



Routing dimensions W x D: 11 x 11 mm (7/16" x 7/16")

Routing dimensions are for reference only.
Furniture construction may affect dimensions.

- > Diffuser creates a uniform light
- > Easy installation: LED strip simply slides into channel

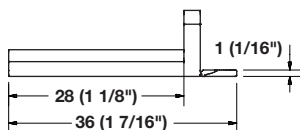
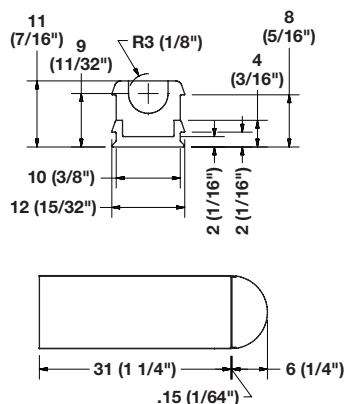
- > For use with 8 mm (5/16") LED strip lights with max. 9.6 W/m (3 W/ft.)
- > Length: 2.337 m (92")
- > Material: Plastic
- > Supplied with: 1 profile

Color	Transmittance	Item No.
white	60–70%	833.95.898
black	~20%	833.95.990

12
V

24
V

End caps for profile 1101

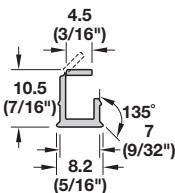
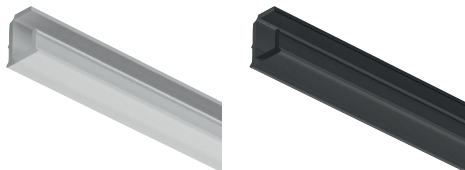


- > Material/Color: Plastic, gray
- > Supplied with: 1 pc.

Item No.
833.03.029



Recess mounted profile 1102, for 5 mm (3/16") LED strips



Routing dimensions W x D: 8 x 11 mm (5/16" x 7/16")

Routing dimensions are for reference only.
Furniture construction may affect dimensions.

- > Diffuser creates a uniform light
- > Easy installation: LED strip simply slides into channel

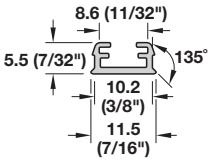
- > For use with 5 mm (3/16") LED strip lights with max. 9.6 W/m (3 W/ft.)
- > Length: 2.5 m (98 7/16")
- > Material: Plastic
- > Supplied with: 1 profile

Color	Transmittance	Item No.
white	60–70%	833.95.802
black	~20%	833.95.803

NEW

PROFILE 1109
PLASTIC

Recess mounted profile, for use with 8 mm (5/16") COB LED strips



Routing dimensions: 11.3 x 6 mm (7/16" x 1/4")

Routing dimensions are for reference only.
Furniture construction may affect dimensions.

- > Ideal for COB LED strips
- > Shallow installation depth of 6 mm (1/4") allows for recessed mounting on both sides of a center panel

- > For use with 8 mm (5/16") LED strip lights with max. 9.6 W/m (3 W/ft.)
- > Length: 2.337 m (92")
- > Material/Color: Profile: Plastic, white opal
Diffuser: Plastic, milk, transmittance 60–70%
- > Supplied with:
1 profile

	Item No.
	833.72.923

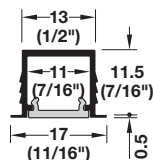
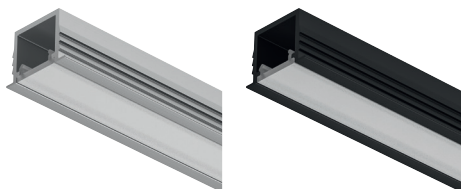
Note
Clip must be placed outside of profile.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PROFILES 1103/1104

RECESS MOUNTED

Profile 1103



- > For use with 8 mm (5/16") or 5 mm (3/16") LED strip lights
- > Length: 2.337 m (92")
- > Diffuser width: 11 mm (7/16")
- > Material/Color: Profile: Aluminum, anodized
Diffuser: Plastic, white opal, transmittance 60–70%
- > Supplied with:
1 profile
1 diffuser

Routing dimensions W x D: 13.9 x 12 mm (9/16" x 15/32")

Routing dimensions are for reference only.
Furniture construction may affect dimensions.

Finish	Item No.
silver colored	833.94.200
black	833.94.201

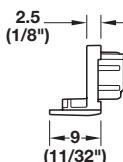
Note

For inline profile switches, see page 236.

12
V

24
V

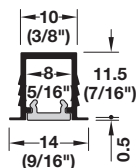
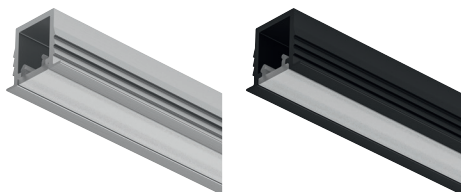
End caps for profile 1103



- > With cable outlet
- > Material: Plastic
- > Supplied with: 10 pcs.

Color	Item No.
silver colored	833.95.766
black	833.95.767

Profile 1104



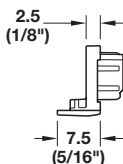
- > For use with 5 mm (3/16") LED strip lights
- > Length: 2.337 m (92")
- > Diffuser width: 8 mm (5/16")
- > Material/Color: Profile: Aluminum, anodized
Diffuser: Plastic, white opal, transmittance 60–70%
- > Supplied with:
1 profile
1 diffuser

Routing dimensions W x D: 10.9 x 12 mm (7/16" x 15/32")

Routing dimensions are for reference only.
Furniture construction may affect dimensions.

Finish	Item No.
silver colored	833.94.202
black	833.94.203

End caps for profile 1104



- > With cable outlet
- > Material: Plastic
- > Supplied with: 10 pcs.

Color	Item No.
silver colored	833.95.768
black	833.95.769

Note

Black and transparent diffusers are also available, please order separately, see page 224.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

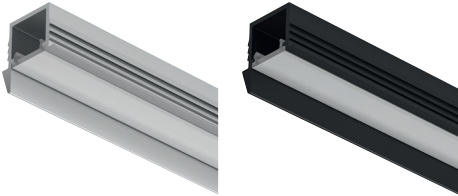
PROFILE 1105

RECESS MOUNTED

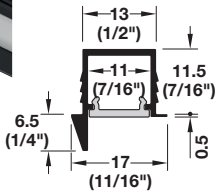
Profile 1105 with anti-glare shield

12
V

24
V



Anti-glare shield
Asymmetric light distribution allows for a glare-free light source.



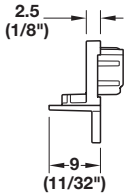
- > For use with 8 mm (5/16") or 5 mm (3/16") LED strip lights
- > Length: 2.337 m (92")
- > Diffuser width: 11 mm (7/16")
- > Material/Color: Profile: Aluminum, anodized
Diffuser: Plastic, white opal
transmittance: 60–70%
- > Supplied with:
1 profile
1 diffuser

Finish	Item No.
silver colored	833.94.204
black	833.94.205

Routing dimensions W x D: 13.9 x 12 mm (9/16" x 15/32")

Routing dimensions are for reference only.
Furniture construction may affect dimensions.

End caps for profile 1105



- > With cable outlet
- > Material: Plastic
- > Supplied with: 10 pcs. (5 left, 5 right)

Color	Item No.
silver colored	833.95.770
black	833.95.771

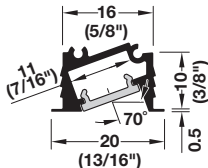
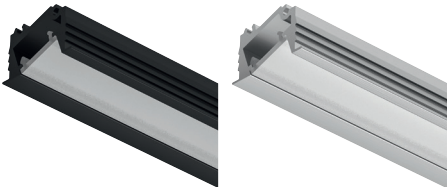
Note
Black and transparent diffusers are also available, please order separately, see page 224. For inline profile sensor switches, see page 236.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PROFILE 1106

RECESS MOUNTED

Profile 1106, angled light distribution



Routing dimensions W x D: 16.9 x 12 mm (11/16" x 15/32")

Routing dimensions are for reference only.
Furniture construction may affect dimensions.

> Angled light, ideal for vertical installation in closets

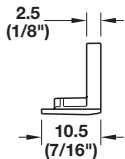
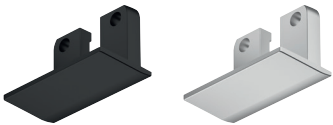
- > For use with 5 mm (3/16") LED strip lights
- > Length: 2.337 mm (92")
- > Diffuser width: 11 mm (7/16")
- > Material/Color: Profile: Aluminum, anodized
Diffuser: Plastic, white opal, transmittance 60–70%
- > Supplied with:
1 profile
1 diffuser

Finish	Item No.
silver colored	833.94.206
black	833.94.207

12
V

24
V

End caps for profile 1106



- > With cable outlet
- > Material: Plastic
- > Supplied with: 10 pcs. (5 left/5 right)

Color	Item No.
silver colored	833.95.772
black	833.95.773

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Note
Black and transparent diffusers are also available, please order separately, see page 224.

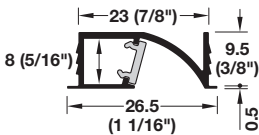
PROFILE 1107

RECESS MOUNTED

Profile 1107, asymmetrical light distribution

12
V

24
V



Routing dimensions W x D: 23.5 x 11 mm (15/16" x 7/16")

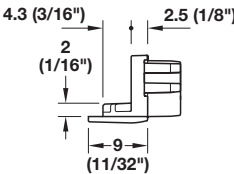
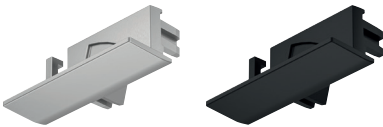
Routing dimensions are for reference only.
Furniture construction may affect dimensions.

> Angled light, ideal for vertical installation in closets

- > For use with 5 mm (3/16") LED strip lights
- > Length: 2.337 m (92")
- > Diffuser width: 8 mm (5/16")
- > Material/Color: Profile: Aluminum, anodized
Diffuser: Plastic, white opal, transmittance 60–70%
- > Supplied with:
1 profile
1 diffuser

Finish	Item No.
silver colored	833.94.208
black	833.94.209

End caps for profile 1107



- > With cable outlet
- > Material: Plastic
- > Supplied with: 10 pcs. (5 left/5 right)

Color	Item No.
silver colored	833.95.821
black	833.95.820

Insertion tool for profile 1107



- > Length: 120 mm (4 11/16")
- > Material/Color: Plastic, gray

Item No.
833.72.799

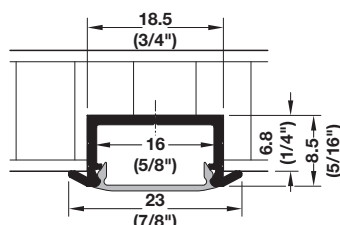
Note
Black and transparent diffusers are also available, please order separately, see page 224.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PROFILES 1190/1191

RECESS MOUNTED

Profile 1190



Routing dimensions W x D: 18.5 x 7.3 mm (3/4" x 9/32")

Routing dimensions are for reference only.
Furniture construction may affect dimensions.

- > For use with LED strip lights up to 12 mm (15/32") wide
- > Length: 2.5 m (98 7/16")
- > Material/Finish: Aluminum, silver color anodized
- > Supplied with:
 - 1 profile
 - 1 diffuser

Diffuser	Transmittance	Item No.
milk	60–70%	833.72.864
frosted	80–90%	833.72.865

Note

LED points may be visible when this profile is used.

12
V

24
V

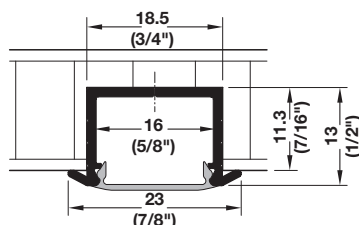
End cap for profile 1190



- > With cable outlet
- > Material/Color: Plastic, silver colored
- > Supplied with: 1 pair

Item No.
833.72.855

Profile 1191



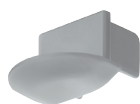
Routing dimensions W x D: 18.5 x 11.8 mm (3/4" x 15/32")

Routing dimensions are for reference only.
Furniture construction may affect dimensions.

- > For use with LED strip lights up to 12 mm (15/32") wide
- > Length: 2.5 m (98 7/16")
- > Material/Finish: Aluminum, silver color anodized
- > Supplied with:
 - 1 profile
 - 1 diffuser

Diffuser	Transmittance	Item No.
milk	60–70%	833.72.866
frosted	80–90%	833.72.867

End cap for profile 1191



- > With cable outlet
- > Material/Color: Plastic, silver colored
- > Supplied with: 1 pair

Item No.
833.72.854

Note

Replacement diffusers, see page 224. For inline profile sensor switches, see page 235.

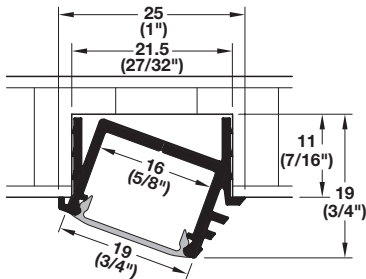
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PROFILE 1192
RECESS MOUNTED

Profile 1192, angled

12
V

24
V



- > Strip light width: 10 mm (3/8")
- > Length: 2.5 m (98 7/16")
- > Material/Finish: Aluminum, anodized, silver colored
- > Supplied with:
 - 1 profile
 - 1 diffuser

Diffuser	Transmittance	Item No.
milk	60–70%	833.72.868
frosted	80–90%	833.72.869

Routing dimensions W x D: 22 x 11.5 mm (7/8" x 7/16")

Routing dimensions are for reference only.
Furniture construction may affect dimensions.

End caps for profile 1192



- > With cable outlet
- > Material/Color: Plastic, silver colored
- > Supplied with: 1 pair

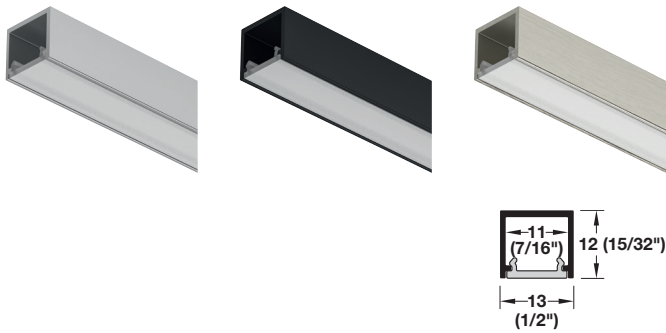
Item No.
833.72.857

Note
Replacement diffusers, see page 224.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PROFILE 2102
SURFACE MOUNTED

Profile 2102



Flush recess
mounted diffuser

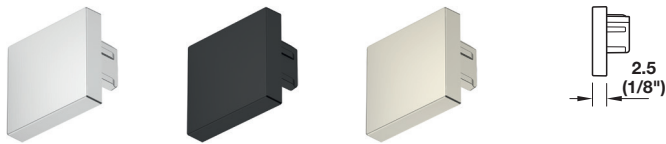
> Edge of diffuser is not visible when surface mounted

- > For use with 8 mm (5/16") or 5 mm (3/16") LED strip lights
- > Length: 2.337 m (92")
- > Diffuser width: 11 mm (7/16")
- > Material/Color: Profile: Aluminum, anodized
Diffuser: Plastic, white opal
Transmittance: 60–70%

- > Supplied with:
1 profile
1 diffuser

Finish	Item No.
silver colored	833.94.213
black	833.94.214
brushed stainless steel colored	833.94.215

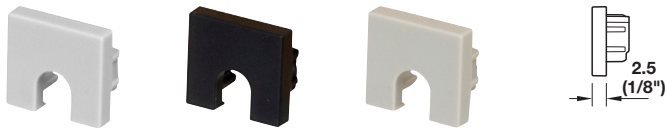
End caps for profile 2102



- > Material: Plastic
- > Supplied with: 10 pcs.

Color	Item No.
silver colored	833.95.777
black	833.95.778
brushed stainless steel colored	833.95.779

Slotted end caps for profile 2102



- > With slot for cable outlet
- > Material: Plastic
- > Supplied with: 10 pcs.

Color	Item No.
silver colored	833.88.434
black	833.88.432
brushed stainless steel colored	833.88.433

Mounting tape, for profiles, double-sided



- > For mounting aluminum on wood, metal, or plastic
- > High instant adhesion and high temperature resistance
- > L x W: 33 m x 10 mm (108' 3 3/16" x 3/8")
- > Thickness: 0.6 mm (1/32")

Item No.
833.89.266

Note

Black and transparent diffusers are also available, please order separately, see page 224. For inline profile sensor switches, see page 236.

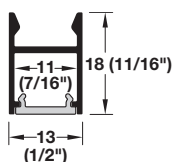
12
V

24
V

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PROFILE 2103 SURFACE MOUNTED

Profile 2103



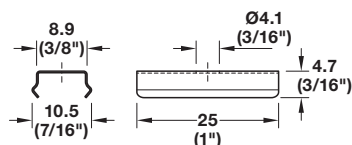
- > For use with 8 mm (5/16\") or 5 mm (3/16\") LED strip lights
- > Length: 2.337 m (92\")
- > Diffuser width: 11 mm (7/16\")
- > Material/Color: Profile: Aluminum, anodized
Diffuser: Plastic, white opal
Transmittance: 60–70%
- > Supplied with:
1 profile
1 diffuser

Finish	Item No.
silver colored	833.94.216
black	833.94.217
brushed stainless steel colored	833.94.218

Note

Please order required mounting bracket separately, below.

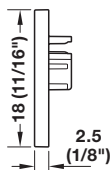
Mounting bracket for profile 2103



- > For screw mounting
- > Material: Stainless Steel
- > Supplied with: 1 pair

	Item No.
	833.95.908

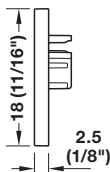
End caps for profile 2103



- > Material: Plastic
- > Supplied with: 10 pcs.

Color	Item No.
silver colored	833.95.780
black	833.95.781
brushed stainless steel colored	833.95.782

Slotted end caps for profile 2103



- > With slot for cable outlet
- > Material: Plastic
- > Supplied with: 10 pcs.

Color	Item No.
silver colored	833.88.437
black	833.88.436
brushed stainless steel colored	833.88.435

Note

Black and transparent diffusers are also available, please order separately, see page 224. For inline profile sensor switches, see page 236.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

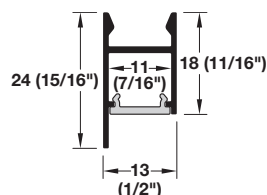
PROFILE 2104 SURFACE MOUNTED

Profile 2104, with anti-glare shield



Anti-glare shield

Asymmetric light distribution allows for a glare-free light source.



- > For use with 8 mm (5/16") or 5 mm (3/16") LED strip lights
- > Length: 2.337 m (92")
- > Diffuser width: 11 mm (7/16")
- > Material/Color: Profile: Aluminum, anodized
Diffuser: Plastic, white opal
transmittance: 60-70%
- > Supplied with:
1 profile
1 diffuser

Finish	Item No.
silver colored	833.94.219
black	833.94.220
brushed stainless steel colored	833.94.221

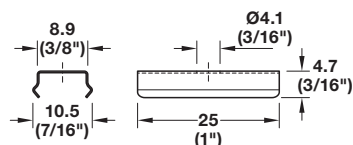
Note

Please order required mounting bracket separately, below.

12
V

24
V

Mounting bracket for profile 2104



- > For screw mounting
- > Material: Stainless Steel
- > Supplied with: 1 pair with screws

	Item No.
	833.95.908

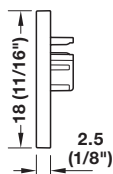
End caps for profile 2104



- > Material: Plastic
- > Supplied with: 10 pcs.

Color	Item No.
silver colored	833.95.783
black	833.95.784
brushed stainless steel colored	833.95.785

Slotted end caps for profile 2104



- > With slot for cable outlet
- > Material: Plastic
- > Supplied with: 10 pcs.

Color	Item No.
silver colored	833.88.437
black	833.88.436
brushed stainless steel colored	833.88.435

Note

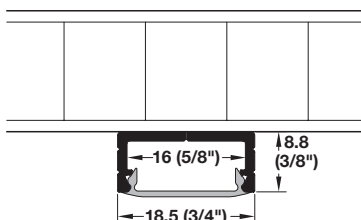
Black and transparent diffusers are also available, please order separately, see page 224. For inline profile sensor switches, see page 236.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PROFILES 2190/2191

SURFACE MOUNTED

Profile 2190



- > For use with LED strip lights up to 12 mm (15/32") wide
- > Length: 2.5 m (98 7/16")
- > Material/Finish: Aluminum, silver color anodized
- > Supplied with:
 - 1 profile
 - 1 diffuser

Diffuser	Transmittance	Item No.
milk	60–70%	833.72.860
frosted	80–90%	833.72.863

Note

LED points may be visible when this profile is used.

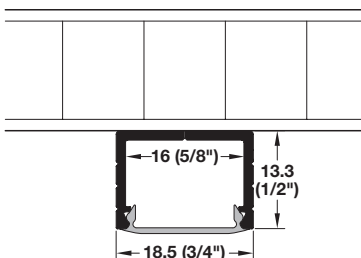
End cap for profile 2190



- > Material/Color: Plastic, silver colored
- > Supplied with: 1 pair

Item No.
833.72.852

Profile 2191



- > For use with LED strip lights up to 12 mm (15/32") wide
- > Length: 2.5 m (98 7/16")
- > Material/Finish: Aluminum, silver color anodized
- > Supplied with:
 - 1 profile
 - 1 diffuser

Diffuser	Transmittance	Item No.
milk	60–70%	833.72.861
frosted	80–90%	833.72.862

End cap for profile 2191



- > Material/Color: Plastic, silver colored
- > Supplied with: 1 pair

Item No.
833.72.853

Mounting clips for 2190/2191, optional

Mounting clip

Mounting clip 40°



- > Material/Finish: Stainless Steel, silver colored
- > Supplied with: 1 pair with screws

Version	Item No.
Mounting clip	833.74.832
Mounting clip 40°	833.74.833

Note

Replacement diffusers, see page 224. For inline profile sensor switches, see page 235.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PROFILE 2101

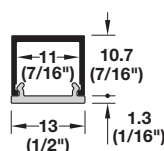
FLUSH RECESS MOUNTED, NO FLANGE

Profile 2101



Routing dimensions W x D: 13 x 11.2 mm
(1/2" x 7/16")

**Routing dimensions are for reference only.
Furniture construction may affect dimensions.**



Surface mounted
diffuser

> Edge of profile is not visible when recessed

- > For use with 8 mm (5/16") or 5 mm (3/16") LED strip lights
- > Length: 2.337 m (92")
- > Diffuser width: 13 mm (1/2")
- > Material/Color: Profile: Aluminum, anodized
Diffuser: Plastic, white opal
transmittance: 60–70%

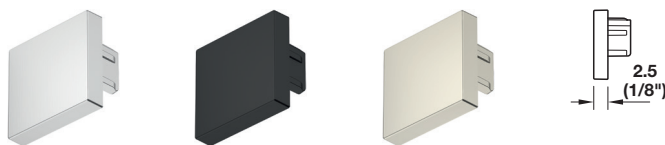
- > Supplied with:
1 profile
1 diffuser

Finish	Item No.
silver colored	833.94.210
black	833.94.211
brushed stainless steel colored	833.94.212

12
V

24
V

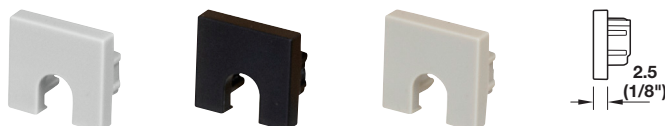
End caps for profile 2101



- > Material: Plastic
- > Supplied with: 10 pcs.

Color	Item No.
silver colored	833.95.774
black	833.95.775
brushed stainless steel colored	833.95.776

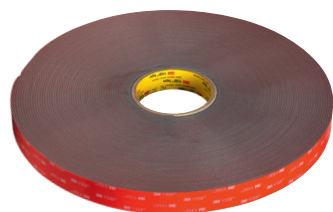
Slotted end caps for profile 2101



- > With slot for cable outlet
- > Material: Plastic
- > Supplied with: 10 pcs.

Color	Item No.
silver colored	833.88.434
black	833.88.432
brushed stainless steel colored	833.88.433

Mounting tape, for profiles, double-sided



- > For mounting aluminum on wood, metal, or plastic
- > High instant adhesion and high temperature resistance
- > L x W: 33 m x 10 mm (108' 3 3/16" x 3/8")
- > Thickness: 0.6 mm (1/32")

Item No.
833.89.266

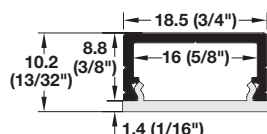
Note

Black and transparent diffusers are also available, please order separately, see page 224.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PROFILES 2190/2197/2191 WITH FLAT LENS FLUSH RECESS MOUNTED, NO FLANGE

Profile 2190, with flat lens



- > Profile height: 8.8 mm (3/8")
- > L x W x H: 2500 x 18.5 x 8.8 mm (98 7/16" x 3/4" x 3/8")
- > Material/Finish: Aluminum, clear anodized
- > Diffuser: Milk, transmittance 60–70%
- > Supplied with:
 - 1 profile
 - 1 diffuser

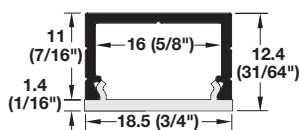
Routing dimensions W x D: 18.5 x 10.2 mm (3/4" x 13/32")

Routing dimensions are for reference only.
Furniture construction may affect dimensions.

Item No.

833.71.852

Profile 2197, with flat lens



- > Profile height: 11 mm (7/16")
- > L x W x H: 2500 x 18.5 x 11 mm (98 7/16" x 3/4" x 7/16")
- > Material/Finish: Aluminum, clear anodized
- > Diffuser: Milk, transmittance 60–70%
- > Supplied with:
 - 1 profile
 - 1 diffuser

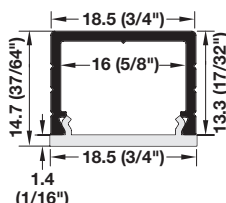
Routing dimensions W x D: 18.5 x 12.4 mm (3/4" x 31/64")

Routing dimensions are for reference only.
Furniture construction may affect dimensions.

Item No.

833.71.929

Profile 2191, with flat lens



- > Profile height: 13.3 mm (17/32")
- > L x W x H: 2500 x 18.5 x 13.3 mm (98 7/16" x 3/4" x 17/32")
- > Material/Finish: Aluminum, clear anodized
- > Diffuser: Milk, transmittance 60–70%
- > Supplied with:
 - 1 profile
 - 1 diffuser

Routing dimensions W x D: 18.5 x 14.7 mm (3/4" x 37/64")

Routing dimensions are for reference only.
Furniture construction may affect dimensions.

Item No.

833.71.853

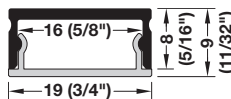
Note

Replacement diffusers, see page 224.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PROFILES 4105/4106
FLUSH RECESS MOUNTED, NO FLANGE

Designer profile 4105



- > For use with LED strip lights up to 12 mm (15/32") wide
- > L x W x H: 2 m x 19 mm x 9 mm (78 3/4" x 3/4" x 11/32")
- > Material/Finish: Aluminum, clear anodized
- > Supplied with:
1 profile

Item No.

833.01.760

Note

Lens sold separately, see below.

End cap for profile 4105

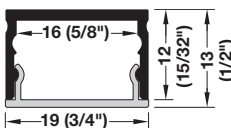


- > Height: 9 mm (11/32")
- > Material/Color: Plastic, gray

Item No.

833.01.765

Designer profile 4106



- > For use with LED strip lights up to 12 mm (15/32") wide
- > L x W x H: 2 m x 19 mm x 13 mm (78 3/4" x 3/4" x 1/2")
- > Material/Color: Polypropylene; Cover: Aluminum, clear anodized
- > Supplied with:
1 profile

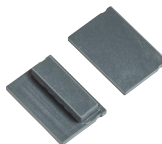
Item No.

833.01.761

Note

Lens sold separately, see below.

End cap for profile 4106



- > Height: 13 mm (1/2")
- > Material/Color: Plastic, silver colored
- > Supplied with: 2 pcs.

Item No.

833.01.869

Flat lens for profile 4105/4106



- > Length: 2 m (78 3/4")
- > Material: Plastic
- > Supplied with: 1 diffuser

Diffuser	Transmittance	Item No.
satın finish	50–60%	833.01.762
transparent	90%	833.01.763

12
V

24
V

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

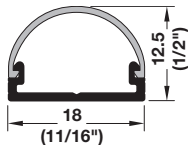
PROFILE 2194

DRAWER PROFILE

Surface mounted drawer profile

12
V

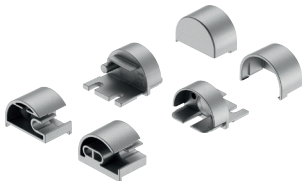
24
V



- > For use with LED strip lights up to 12 mm (15/32") wide
- > L x W x H: 2.5 m x 18 mm x 12.5 mm (98 7/16" x 11/16" x 1/2")
- > Material/Finish: Profile: Aluminum, silver colored anodized
Diffuser: milk
- > Supplied with:
1 profile
1 diffuser

Item No.
833.71.928

End cap set



- > Material/Finish: ABS Plastic, silver colored
- > Supplied with:
5 sets of end caps
Mounting screws

Item No.
833.74.877

Retaining clip



- > Material/Finish: Stainless Steel, silver colored
- > Supplied with: 2 pcs.

Item No.
833.74.893

Mounting brackets



- > Optional brackets for full access cabinet construction mounting
- > With drawer mount clip
- > Material: Steel
- > Supplied with: 2 clips

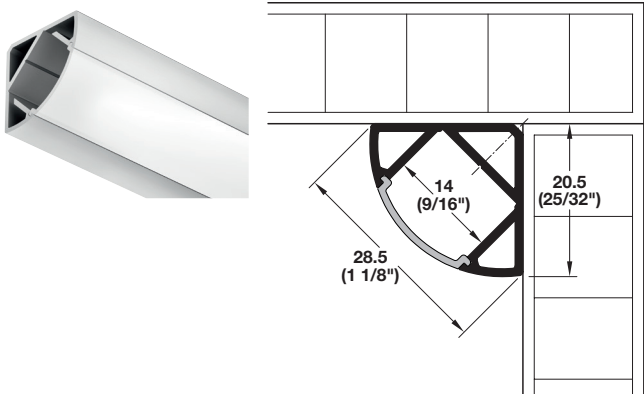
Item No.
260.26.933

Note
For inline drawer profile sensor switches, see page 237.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PROFILE 2195
CORNER PROFILE

Surface mounted corner profile



- > For use with LED strip lights up to 12 mm (15/32") wide
- > L x W x H: 2.5 m x 28 mm x 20.5 mm (98 7/16" x 1 1/8" x 25/32")
- > Material/Finish: Profile: Aluminum, silver colored anodized
Diffuser: milk
- > Supplied with:
1 profile
1 diffuser

Item No.
833.71.927

12
V

24
V

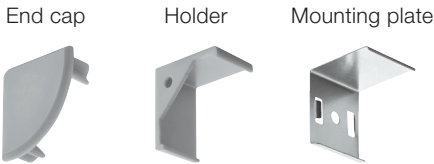
Semi-round lens for corner profile 2195



- > Length: 2.5 m (98 7/16")
- > Material/Finish: Plastic; Cover: milk

Item No.
833.74.807

End cap, holder and mounting plate for corner profile 2195



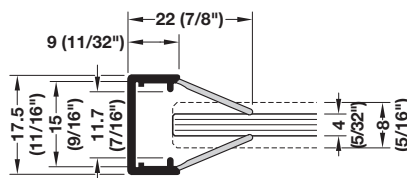
- > Material/Finish: End cap and holder: Plastic, silver colored
Mounting plate: Stainless Steel
- > Supplied with: 2 pcs.

Item	Item No.
End cap with cable outlet	833.74.822
Holder	833.74.825
Mounting plate	833.74.826

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PROFILE 5108 GLASS EDGE PROFILE

Surface mounted on back of glass shelf



Note

For manufacturing customized glass edge lighting for glass thickness 4–8 mm (3/16"–5/16").

Without load bearing function.

Only for LED strip lights with max. 9.6 W/m (3 W/ft.).

Note the dimensions of the clip connector.

Effect of the glass edge on the light

- > Glass edge with satin finish = even light line
- > Clear glass edge = point light

- > For use with 8 mm (5/16") or 5 mm (3/16") LED strip lights
- > For screw mounting
- > L x W x H: 2 m x 17.5 mm x 22 mm (78 3/4" x 11/16" x 7/8")
- > Material/Color: Plastic, silver colored
- > Supplied with:
 - 1 profile
 - 1 diffuser

Diffuser

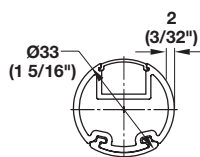
milk

Item No.

833.74.733

PROFILE 5111 CLOSET ROD PROFILES

Closet rods



- > Material: Aluminum, anodized; Cap: Plastic
- > Supplied with: 1 pc. with milk lens



matte aluminum polished chrome matte nickel black slate matte gold

Length	Finish/Cap	Item No.
2438 (96")	polished chrome/clear	830.28.720
1219 (48")	matte aluminum/clear	830.28.701
1219 (48")	matte nickel/clear	830.28.711
1219 (48")	polished chrome/clear	830.28.721
1219 (48")	black/black	830.28.821
1219 (48")	matte gold/clear	830.28.705
1219 (48")	slate/black	830.28.706

Replacement lens

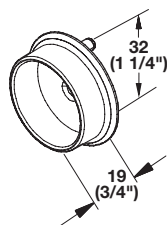


- > Height: 13 mm (1/2")
- > Material/Finish: Plastic, milk

Item No.

833.74.781

Closet rod supports



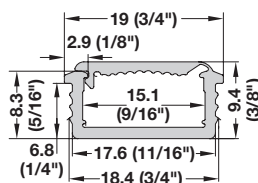
- > With two pins for 5 mm (3/16") holes and an additional screw hole for side panel mounting
- > Material: Zinc-plated

Finish	Item No.
matte aluminum	803.39.410
matte nickel	803.39.610
polished chrome	803.39.210
black	803.64.410
matte gold	803.39.910
slate	803.39.710

PROFILES 3108/4108

ONE-PIECE PLASTIC

Co-extruded, recess mounted profile 3108



- > For use with LED strip lights up to 12 mm (15/32") wide
- > L x W x H: 2.5 m x 19 mm x 10 mm (98 7/16" x 3/4" x 3/8")
- > Material/Color: Polypropylene; Cover: Aluminum color, frosted

Item No.

833.00.710

Note

Only for LED strips with max. 9.6 W/m (3 W/ft.).

12
V

24
V

End cap for profile 3108

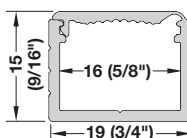


- > Material/Color: Plastic, silver colored
- > Supplied with: 2 pcs.

Item No.

833.72.768

Co-extruded, surface mounted profile 4108



- > For use with LED strip lights up to 12 mm (15/32") wide
- > L x W x H: 2.5 m x 19 mm x 15 mm (78 3/4" x 3/4" x 9/16")
- > Material/Color: Polypropylene; Cover: Aluminum color, milk

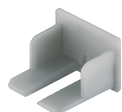
Item No.

833.01.700

Note

Only for LED strips with max. 9.6 W/m (3 W/ft.).

End cap for profile 4108



- > Material/Color: Plastic, silver colored
- > Supplied with: 2 pcs.

Item No.

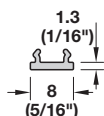
833.72.853

DIFFUSERS AND LENSES

Diffusers for profiles 1103–1107, 2101–2104

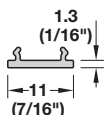
12
V

24
V

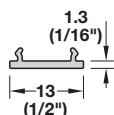


For profiles
1104, 1107

- > Length: 2.337 m (92")
- > Material: Plastic
- > Supplied with: 1 diffuser



For profiles
1103, 1105,
1106, 2102,
2103, 2104



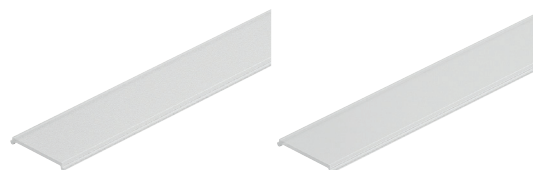
For profile
2101

Width	For profiles	transparent approx. 90°	white opal 70–80%	black approx. 20%
8 (5/16")	1104, 1107	–	833.95.985 2.3 m (92")	833.95.808 2.5 m (98 7/16")
11 (7/16")	1103, 1105, 1106, 2102, 2103, 2104	833.95.807 2.5 m (98 7/16")	833.95.986 2.3 m (92")	833.95.996 2.3 m (92")
13 (1/2")	2101	–	833.95.987 2.3 m (92")	833.95.810 2.5 m (98 7/16")

Note

The white opal diffuser creates a uniform light.
When using the black diffuser, LED points may be visible.
LED points are always visible when the transparent diffuser is used.

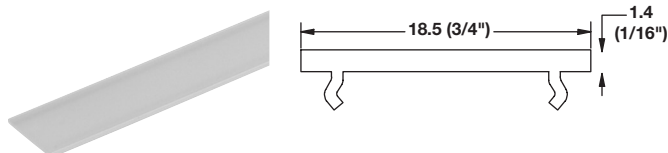
Replacement lenses for 1190–1192, 2190–2192



- > Length: 2.5 m (98 7/16")
- > Material: Plastic
- > Supplied with: 1 lens

Lens	Transmittance	Item No.
frosted	80–90%	833.74.780
milk	60–70%	833.74.781

Replacement flat lens for profiles 2190–2191, 2197

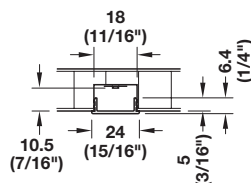


- > L x W x H: 2.5 m x 18.5 mm x 3.9 mm (98 7/16" x 3/4" x 5/32")
- > Material/Color: Polycarbonate
- > Supplied with: 1 lens

Lens	Transmittance	Item No.
milk	60–70%	833.74.783

LENSES AND MOUNTING STRIPS

Dado lens cover



- > For recess mounting without an aluminum profile
- > Length: 2.5 m (98 7/16")
- > Material/Color: Plastic, milk

Item No.
833.00.733

Note

Only for LED strips with max 9.6 W/m (3 W/ft.)

12
V

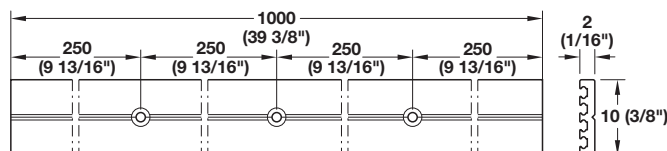
24
V

Cooling strip 2196

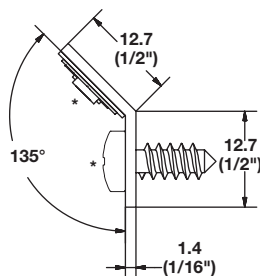


- > L x W x H: 1 m x 10 mm x 2 mm (39 3/8" x 3/8" x 1/16")
- > For screw mounting, drill holes at 250 mm (9 13/16"), 500 mm (19 11/16"), and 750 mm (29 1/2")
- > Material: Aluminum

Item No.
833.77.700



Angled mounting strip 5115



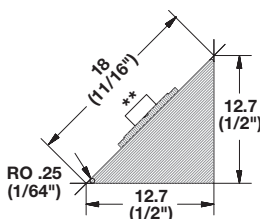
- > Length: 2.5 m (98 7/16")
- > Material/Color: Plastic, white

Item No.
833.00.800

Note

LED strip and screw shown for application and position only.

Corner mounting strip 5116



- > For surface mounting
- > Length: 2.5 m (98 7/16")
- > Material/Finish: Solid Poplar Wood, natural

Item No.
833.02.840

Note

LED strip shown for application and position only.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



SWITCHES **AND** WIRELESS CONTROLS



SWITCHES AND WIRELESS CONTROLS

SENSOR SWITCHES

Dimmers	page 228
Door sensor switches	page 229
Motion sensor switches	page 230

MAGNETIC REED SWITCHES

With 4-pin plug for switch port	page 231
With in-line lead cable	page 232

MECHANICAL SWITCHES

Universal switch	page 233
Rocker switch	page 233
Door contact switch	page 233
Push switches	page 233

MECHANICAL SWITCHES FOR SPADE CABLE ATTACHMENTS

Door contact switch	page 234
Rocker switch	page 234
Spade connector cables	page 234

INLINE PROFILE SWITCHES

- For profiles 1190–1191, 2190–2191	page 235
- For profiles 1103, 1105, 2102–2104	page 236
- For 2194 drawer profile	page 237

SWITCH ACCESSORIES

Multi-driver box	page 238
Multi-switch box	page 238
0-10 Dimmer interface	page 239

CONNECT MESH

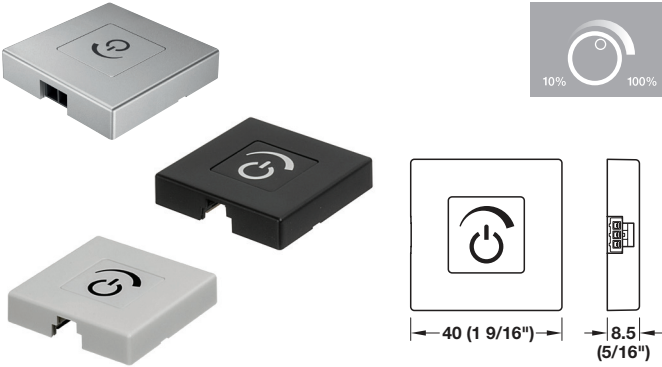
6-way distributors	page 240
Tunable 3-wire and RGB adapters	page 241
4-way distributor	page 242
Press-to-Pair distributors	page 243
Pre-paired 4-way distributor and remote, monochrome	page 244
Pre-paired 4-way distributor and remote, tunable 3-wire	page 245
Pre-paired 4-way distributor and remote, RGB	page 246
Kinetic wall switches	page 247
Wireless switches, 4-button	pages 248–249
Wireless switches, multi-functional	page 249
Remote controls	page 250
Motion sensors	page 251

ON/OFF/DIMMING SENSOR SWITCHES

Touch dimmer, surface mounted, modular

12
V

24
V



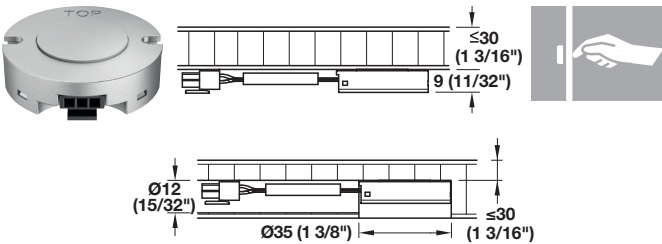
- > Soft on/off
- > Memory function: dimming value is stored when power is turned off

- > Degree of protection: IP20
- > Power consumption: ≤0.3 W
- > L x W x H: 40 x 40 x 8.5 mm (1 9/16" x 1 9/16" x 5/16")
- > Material: Plastic
- > Supplied with: 1 switch with mounting material

Color	Item No.
silver colored	833.89.134
black	833.89.176
white	833.89.177

Note
Order 2 m (78 3/4") lead for modular switches separately.
Item No. 833.89.142. Additional lengths on page 230.

Capacitive touch-free dimmer, modular



- > Install switch under panel or countertop for completely invisible switching
- > Soft on/off
- > Memory function: dimming value is stored when power is turned off

- > Concealed installation in wood, glass or stone (not in ferrous metal materials) at a maximum depth of 30 mm (1 3/16")
- > Screw mounted or recess mounted in Ø35 mm (1 3/8") drill hole
- > Degree of protection: IP20
- > Power consumption: ≤1 W
- > Ø: 35 mm (1 3/8")
- > Height: 9 mm (11/32")
- > Material/Color: Plastic, silver colored
- > Supplied with: 1 switch

Item No.
833.89.133

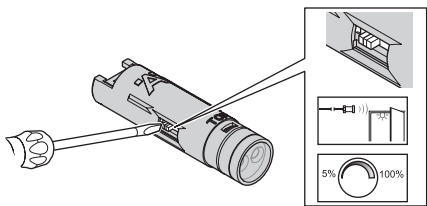
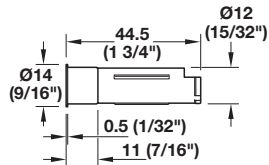
Note
Order 2 m (78 3/4") lead for modular switches separately.
Item No. 833.89.142. Additional lengths on page 230. A distance of min. 500 mm (19 11/16") away from electromagnetic fields (e.g. power cables, microwave ovens, etc.) must be adhered to.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

DOOR SENSOR SWITCHES

2 in 1 door sensor/touch-free dimmer, surface or recess mounted, modular

NEW



- > Use DIP switch to toggle from touch-free dimmer to door sensor
- > Soft on/off
- > Includes 3 cover sleeves: black, white, gray

- > Power consumption: $\leq 0.3W$
- > Sensor range: 0–75 mm (0–3")
- > Degree of protection: IP20
- > Drill hole Ø: 12 mm (15/32")
- > Material: Plastic
- > Supplied with:
 - 1 dual function sensor switch
 - 3 cover sleeves (white, gray, black)

Item No.
833.89.334

Note
Replaces 833.89.126, 833.89.127, and 833.89.128

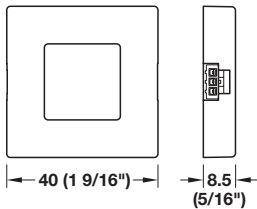
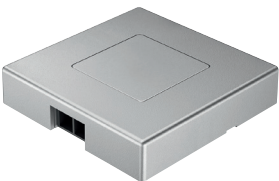
Order 2 m (78 3/4") lead for modular switches separately.
Item No. 833.89.142. Additional lengths on page 230.

Order optional white, black, or gray surface mount housing separately. See page 230.

12
V

24
V

Door sensor, surface mounted, modular



- > Soft on/off

- > Power consumption: $\leq 0.3W$
- > Sensor range: 0–100 mm (0–4")
- > Material: Plastic
- > Supplied with:
 - 1 switch
 - Mounting materials

Color	Item No.
silver colored	833.89.137
black	833.89.182
white	833.89.183

Note
Order 2 m (78 3/4") lead for modular switches separately.
Item No. 833.89.142. Additional lengths on page 230.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

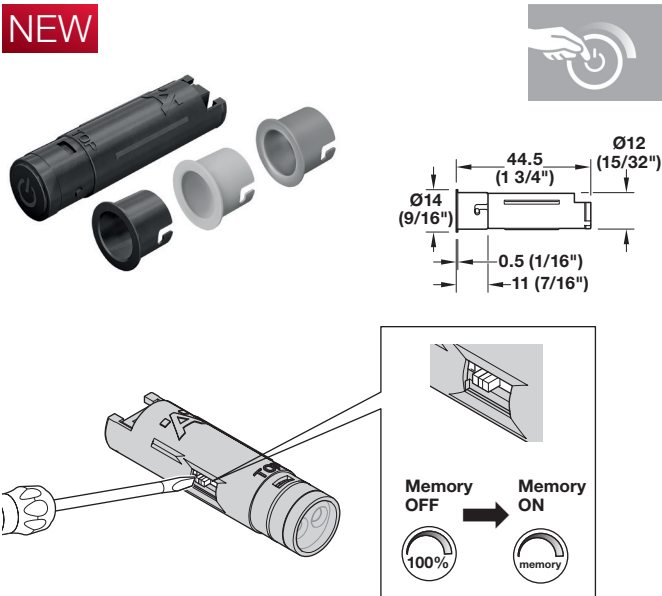
ON/OFF/DIMMING SENSOR SWITCHES

Touch dimmer, surface or recess mounted, modular

NEW

12
V

24
V



Memory function after power loss:
1. Memory function ON - same status as before the power loss
2. Memory function OFF - lights turned on 100% when power is restored
The DEFAULT value is with memory function - ON



- > Tap for on/off
 - > Tap and hold to dim up/down
 - > Soft on/off
 - > Includes 3 cover sleeves: black, white, gray
- > Memory function can be switched off with integrated dip switch
 - > Power consumption: 0.1W
 - > Degree of protection: IP20
 - > Drill hole Ø: 12 mm (15/32")
 - > Material: Plastic
 - > Supplied with:
 - 1 touch dimmer
 - 3 cover sleeves (white, gray, black)
- | | |
|--|-----------------|
| | Item No. |
| | 833.89.032 |

Note
Replaces 833.89.058

Order 2 m (78 3/4") lead for modular switches separately.
Item No. 833.89.142. Additional lengths on page 230.
Order optional white, black, or gray surface mount housing separately. See page 230.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12
V

24
V

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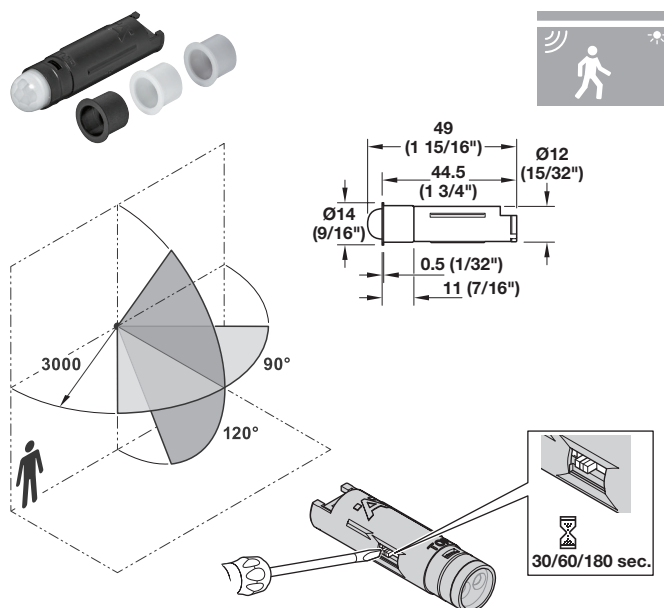
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

MOTION SENSOR SWITCHES

Adjustable motion detector,
surface or recess mounted, modular

- > Use DIP switch to toggle from 30, 60, and 180 seconds delay time
- > Soft on/off
- > Includes 3 cover sleeves: black, white, gray

12
V24
V

- > Power consumption: $\leq 0.1W$
- > Sensor range: 0–3 m (0–118")
- > Horizontal sensor range: 90°
- > Vertical sensor range: 120°
- > Degree of protection: IP20
- > Drill hole $\varnothing$: 12 mm (15/32")
- > Material: Plastic
- > Supplied with:
 - 1 adjustable motion sensor switch
 - 3 cover sleeves (white, gray, black)

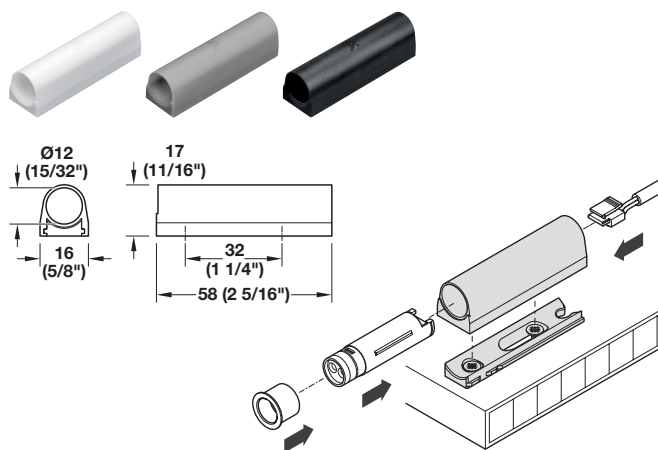
Min. overrun time	Item No.
30 sec., 60 sec. or 180 sec. (3 min.)	833.89.333

Note

Replaces 833.89.129 and 833.89.148.
Order 2 m (78 3/4") lead for modular switches separately.
Order optional white, black, or gray surface mount housing separately.

Surface mount housings for adjustable switches,
optional

- > For use with 833.89.032, 833.89.333 and 833.89.334



- > For $\varnothing 12$ mm (15/32") switch and adjustable cover sleeve
- > Screw or adhesive mounted
- > Material: Plastic
- > Supplied with:
 - 1 screw fastening plate into place
 - 1 slide on housing

Color	Item No.
white	833.89.330
gray	833.89.331
black	833.89.332

Leads with snap-in connector, for modular switches



- > Degree of protection: IP20
- > Drill hole $\varnothing$: 12 mm (15/32")
- > Material/Color: Plastic, black
- > Supplied with: 1 lead

Length	Item No.
500 mm (19 11/16")	833.89.140
1 m (39 3/8")	833.89.141
2 m (78 3/4")	833.89.142

Note Required for modular switches.

Extension lead for switches



- > Length: 2 m (78 3/4")
- > Drill hole $\varnothing$: 12 mm (15/32")
- > Supplied with: 1 lead

Item No.
833.89.067

Note

The maximum lead length for a switch is 6 m (236 1/4").

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

MAGNETIC REED SWITCHES

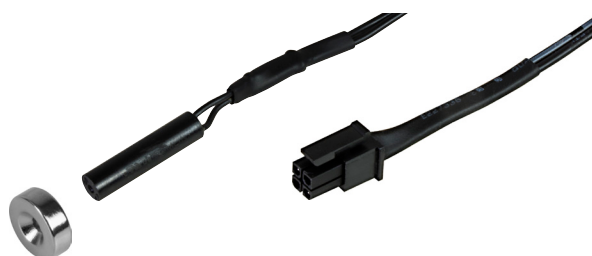
- > Simple, versatile, and reliable switches for interior cabinet and drawer lighting applications
- > When magnet is within 25 mm (1") of the reed switch the lights turn off. When the distance is greater than 25 mm (1"), the lights turn on
- > Reed switch can be drilled into a cabinet door frame or attached with surface mount housing
- > Magnet can be screw mounted or recessed in the door or drawer in alignment with the reed switch so that it is within 25 mm (1") of the reed when closed

There are two types of reed switches

1. 4-pin switch port version: Ideal for controlling 2 or more lights
2. Inline versions: Ideal for controlling a single light; a switch port is not required

12
V24
V

Magnetic reed switch, with 4-pin plug for switch port



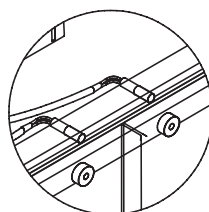
- > Ideal for controlling applications with 2 or more lights e.g. cabinets with vertical light strips
- > For use with any Häfele distributor or component with a standard 4-pin switch port

- > Ø x L: Reed switch: Ø6 x 26 mm (1/4" x 1")
Magnet: Ø14 x 4 mm (9/16" x 5/32")

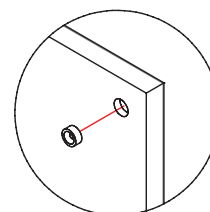
- > Supplied with:
1 magnetic reed switch
2 m (78 3/4") lead
1 magnet and mounting screw

Item No.

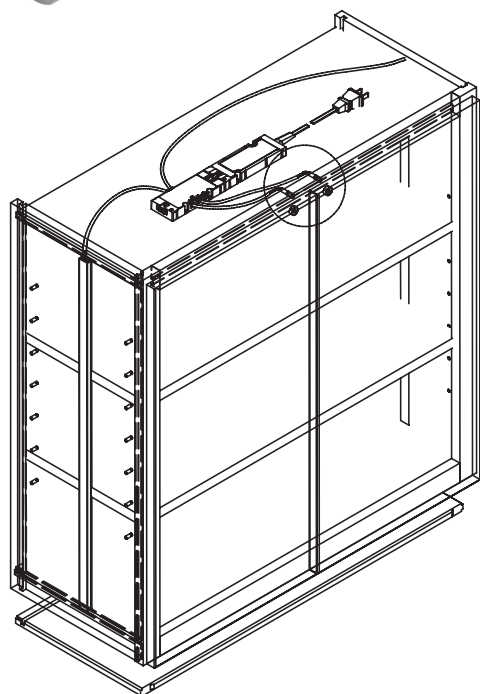
833.02.853



Reed switch can be drilled into a door frame or attached with an optional surface mount housing, see page 232.



Magnet can be recessed into the door.



Example of a typical 2-door wall cabinet installation using a 6-way multi-switch distributor.



Scan for video instructions

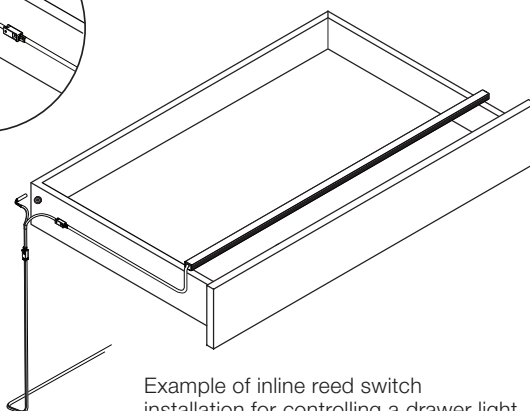
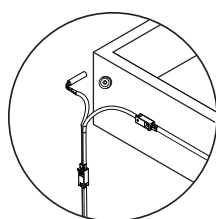
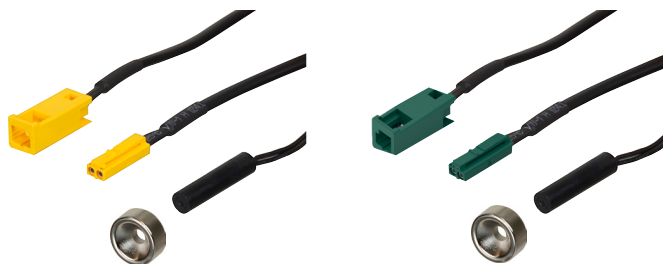
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW



MAGNETIC REED SWITCHES

Magnetic reed switch, with in-line lead cable

12
V24
V

Example of inline reed switch installation for controlling a drawer light.

- > Ideal for controlling a single light e.g. drawer lights
- > Light and switch connect directly to a driver or a distributor light output port; a switch port is not required
- > Versions available for 12 V and 24 V monochrome, 2-wire tunable white, and 3-wire tunable white

- > Length: 306 mm (12")
- > Drill hole Ø: 12 mm (15/32")
- > Material/Color: Plastic, black
- > Supplied with:
 - 1 magnetic reed switch
 - 1 plug
 - 1 socket plug
 - 1 magnet

Monochrome

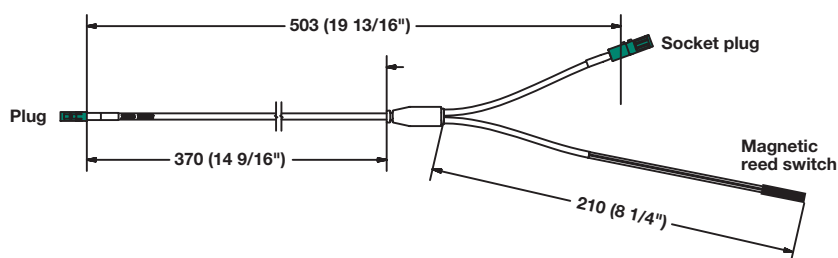
Voltage	Wattage capacity	Item No.
12 V	60 W	833.02.855
24 V	90 W	833.05.855

Tunable white 2-wire

Voltage	Wattage capacity	Item No.
12 V	60 W	833.02.904
24 V	90 W	833.02.905

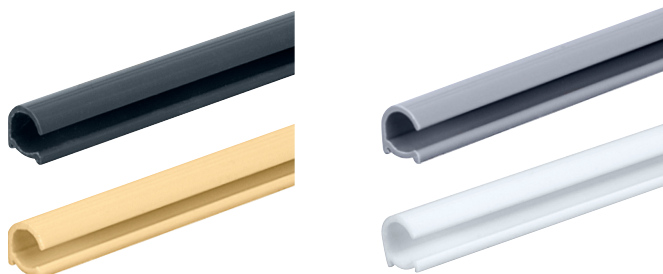
Tunable white 3-wire

Voltage	Wattage capacity	Item No.
12 V	60 W	833.02.856
24 V	90 W	833.05.856



Scan for video instructions

Surface mount housing for magnetic reed switches, optional



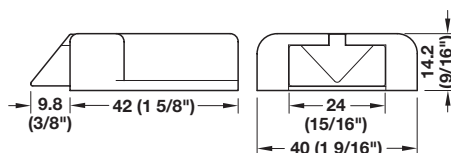
- > For mounting magnetic reed switch and cables
- > Length: 306 mm (12")
- > Material: Plastic
- > Supplied with: 1 reed housing with adhesive tape

Color	Item No.
anthracite	833.02.674
beige	833.02.675
gray	833.02.676
white	833.02.677

MECHANICAL SWITCHES

Universal switch

- > Suitable for hinged doors or single sliding doors
- > For surface mounting



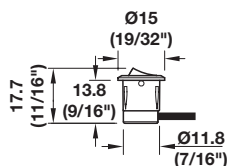
- > Degree of protection: IP20
- > L x W x H: 51.8 x 40 x 14.2 mm (2 1/16" x 1 9/16" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with:
 - 1 switch
 - Mounting material

Item No.
833.89.143

Note

Order 2 m (78 3/4") lead for modular switches separately.
Item No. 833.89.142. Additional lengths on page 230.

Rocker switch, on/off switching



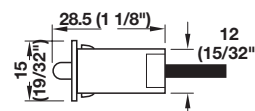
- > Length: 17.7 mm (11/16")
- > Drill hole Ø: 12 mm (15/32")
- > Material/Color: Plastic, black
- > Supplied with: 1 switch with 2 m (78 3/4") lead

Item No.
833.89.106

Note

Recess mounted or surface mounted with a surface mount housing, order separately.

Door contact switch, on/off switching



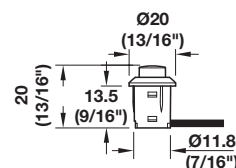
- > Degree of protection: IP20
- > Drill hole Ø: 12 mm (15/32")
- > Length: 28.5 mm (1 1/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 switch with 2 m (78 3/4") lead

Item No.
833.89.059

Note

Recess mounted or surface mounted with a surface mount housing, order separately below.

Push switches, on/off switching



- > Drill hole Ø: 12 mm (15/32")
- > Ø: 20 mm (13/16")
- > Material: Plastic
- > Supplied with: 1 switch with 2 m (78 3/4") lead

Color

gray
black

Item No.

833.89.107
833.89.108

Note

Recess mounted or surface mounted with a surface mount housing, order separately below.

Housing for switch, face frame, surface mounted



- > For switch Ø: 12 mm (15/32")
- > W x D x H: 19 x 19 x 25.4 mm (3/4" x 3/4" x 1")
- > Material: Plastic

Color

gray
black

Item No.

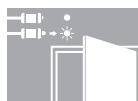
830.38.423
830.38.424

12
V24
V

MECHANICAL SWITCHES

FOR SPADE CABLE ATTACHMENTS

Door contact switch, on/off switching

12
V

- > Ø: 12 mm (15/32")
- > Material/Color: Plastic, black
- > Supplied with: 1 switch

Item No.
830.38.421

24
V

Rocker switch, on/off switching



- > Drill hole Ø: 20 mm (25/32")
- > Ø: 20 mm (25/32")
- > Material/Color: Plastic, black
- > Supplied with: 1 switch

Item No.
830.38.431

Spade connector cable, with 4-pin plug for switch port



- > For use with 830.38.421 or 830.38.431
- > Length: 2 m (78 3/4")
- > Supplied with: 1 cable

Item No.
833.89.275

Spade connector cable, with Y-splitter for inline switching



- > For use with 830.38.421 or 830.38.431
- > Length: 1.1 m (43 5/16")
- > Supplied with: 1 cable

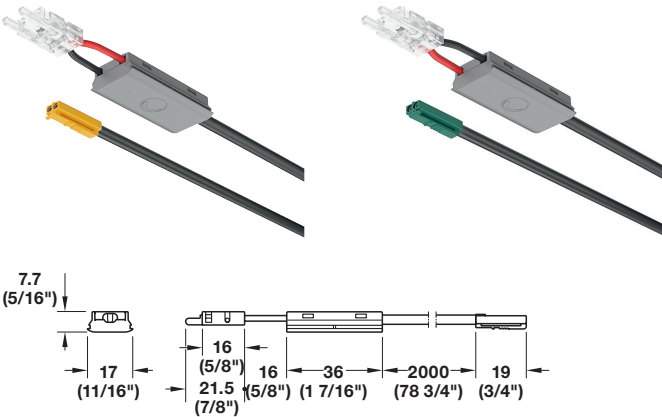
Voltage
12 V

Item No.
833.89.274

INLINE PROFILE SWITCHES

FOR 1190/1191/2190/2191 PROFILES

Inline profile touch dimmer switch



- > Soft on/off switching and dimming
- > Memory function: dimming value is stored when power is turned off
- > For use with monochrome 8 mm (5/16") LED strip lights in aluminum profiles with 16 mm (5/8") internal width
- > Plug drill hole Ø: 8 mm (5/16")
- > Press fits into aluminum profile
- > Material/Color: Plastic, silver colored
- > Supplied with:
 - 1 switch with clip/plug
 - 2 m (78 3/4") pre-attached lead

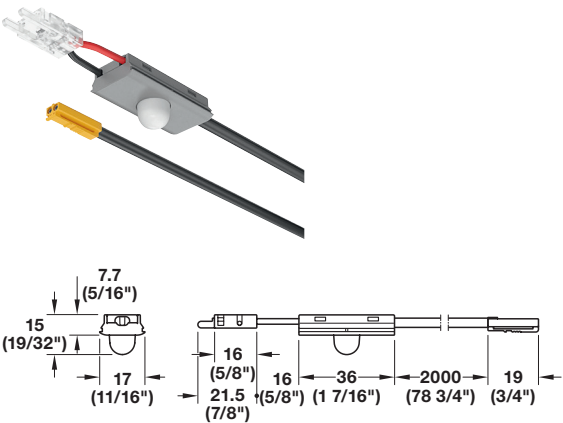
Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.751
24 V	90 W	833.77.836

Note
Cannot be used with COB or tunable white LED strip lights.
Do not combine with other dimmers.

12
V

24
V

Inline profile motion detector



- > Automatic soft on/off switching
- > For use with monochrome 8 mm (5/16") LED strip lights in aluminum profiles with 16 mm (5/8") internal width
- > Sensor range: 0–3 m (0–118 1/8")
- > Delay time: 30 sec.
- > Plug drill hole Ø: 8 mm (5/16")
- > Press fits into aluminum profile
- > Material/Color: Plastic, silver colored
- > Supplied with:
 - 1 switch with clip/plug
 - 2 m (78 3/4") pre-attached lead

Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.750
24 V	90 W	833.77.835

Note
Cannot be used with COB or tunable white LED strip lights.
Do not combine with other dimmers.

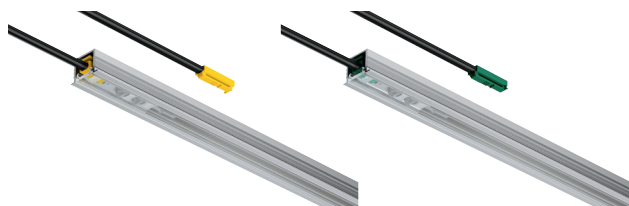
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

INLINE PROFILE SWITCHES

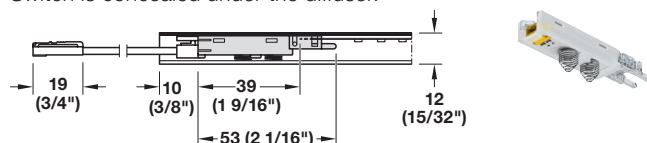
FOR 1103/1105/2102/2103/2104 PROFILES

Inline profile touch dimmer switch, modular

- > Switch is concealed under the diffuser; touch the lens to control the lights
- > Soft on/off switching and dimming
- > Memory function: dimming value is stored when power is turned off



Switch is concealed under the diffuser.



- > For use with monochrome 8 mm (5/16") LED strip lights in aluminum profiles with 11 mm (7/16") internal width
- > Dimming range: 5%–100%
- > Slides into aluminum profile under the diffuser
- > Plug drill hole Ø: 8 mm (5/16")
- > Material/Color: Plastic, silver colored
- > Supplied with: 1 switch

Voltage	Wattage capacity	Item No.
12 V	60 W	833.89.281
24 V	90 W	833.89.291

Note

Cannot be used with COB or tunable white LED strip lights.
Do not combine with other dimmers.
Order modular leads separately.

Modular leads for inline profile switches

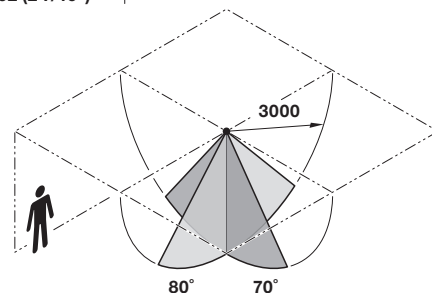
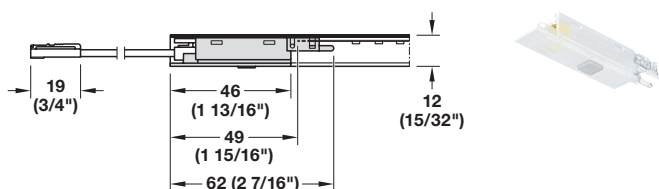
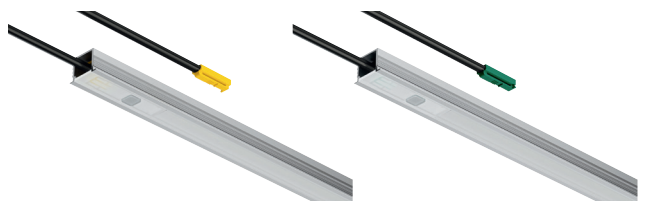


- > With snap-in connector
- > 5 A/18 AWG cable
- > Supplied with: 1 lead

Voltage	1 m (39 3/8")	2 m (78 3/4")
12 V	833.95.831	833.95.830
24 V	833.95.836	833.95.835

Inline profile motion detector modular

- > Automatic soft on/off switching



- > For use with monochrome 8 mm (5/16") LED strip lights in aluminum profiles with 11 mm (7/16") internal width
- > 3 delay time options: 1 minute, 3 minutes, 5 minutes
- > Horizontal sensor angle: 80°
- > Vertical sensor angle: 70°
- > Sensor range: 3 m (10')
- > Slides into aluminum profile
- > Plug drill hole Ø: 8 mm (5/16")
- > Material/Color: Plastic, opal

Voltage	Wattage capacity	Delay time (sec.)	Item No.
12 V	60 W	60	833.89.282
		180	833.89.283
		300	833.89.284
24 V	90 W	60	833.89.292
		180	833.89.293
		300	833.89.294

Note

Cannot be used with COB or tunable white LED strip lights.
Do not combine with other dimmers.
Order modular leads separately.

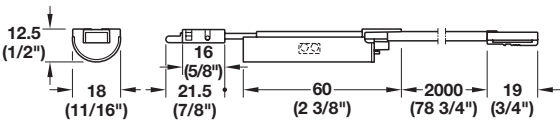
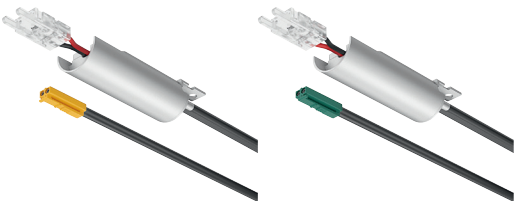
Installation information

Shorten LED strip light by approx. 50 mm (2") in relation to the total length of the aluminum profile. Shorten the diffuser by 45.5 mm (1 13/16").

INLINE PROFILE SWITCHES

FOR 2194 DRAWER PROFILE

Inline profile door/drawer sensor switch



- > For use with monochrome 8 mm (5/16") LED strip lights
- > Plug drill hole Ø: 8 mm (5/16")
- > Material: Plastic
- > Supplied with:
 - 1 switch with clip/plug
 - 2 m (78 3/4") pre-attached lead

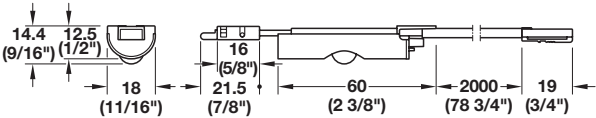
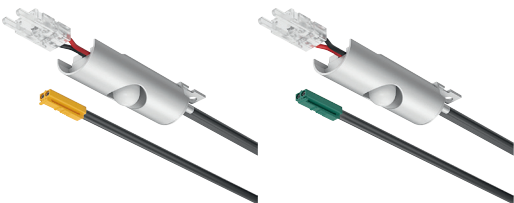
Voltage	Wattage capacity	Item No.
12 V	60 W	833.89.251
24 V	90 W	833.89.253

Note
Cannot be used with COB or tunable white LED strip lights.
Do not combine with other dimmers.

12
V

24
V

Inline profile motion detector modular



- > For use with monochrome 8 mm (5/16") LED strip lights
- > Delay time: 30 sec.
- > Sensor range: 0–3000 mm (0–118 1/8")
- > Supplied with:
 - 1 switch with clip/plug
 - 2 m (78 3/4") pre-attached lead

Voltage	Wattage capacity	Item No.
12 V	60 W	833.89.252
24 V	90 W	833.89.254

Note
Cannot be used with COB or tunable white LED strip lights.
Do not combine with other dimmers.

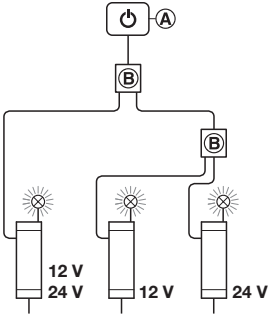
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

SWITCH ACCESSORIES

Multi-driver box

12
V

24
V



A Switch
B Multi-driver box

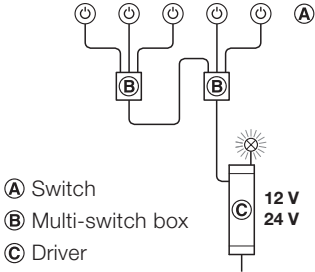
- > Standby power consumption: 1.5 W
- > L x W x H: 50 x 40 x 19 mm (2" x 1 9/16" x 3/4")
- > Material/Color: Plastic, black
- > Supplied with:
 - 1 multi-driver box
 - 3 - 1 m (39 3/8") leads

Note
Max. 3 x 75 W per multi-driver box.

Up to 3 LED drivers with different voltages or distributors with a switching function can be controlled with 1 switch. Several lights in the room can be switched on and off with one switch. These can also be 3 of the same driver if you require additional power in a 12 V system, for example.

Item No.
833.89.061

Multi-switch box



A Switch
B Multi-switch box
C Driver

1 LED driver operated by up to 3 switches. Allows the LED driver or distributor with switching function to be switched on and off from different positions.

- > Function: 2 operating modes can be selected using an integrated toggle switch.
 - Cross: On/off switching at different switches
 - No cross: Switching on with switch 1, 2 or 3. For switching off, all switches that were switched on have to be activated again
- > Degree of protection: IP20
- > Standby power consumption: ≤0.3 W
- > L x W x H: 55 x 45 x 16 mm (2 3/16" x 1 3/4" x 5/8")
- > Plug drill hole Ø: 12 mm (15/32")
- > Material/Color: Plastic, black
- > Supplied with:
 - 1 multi-switch box
 - 1 m (39 3/8") lead

Item No.
833.89.066

Lead from multi-boxes to switching input



- > Supplied with: 1 lead

Length	Item No.
500 mm (19 11/16")	833.89.068
2 m (78 3/4")	833.89.069

Extension lead for switches



- > Length: 2 m (78 3/4")
- > Drill hole Ø: 12 mm (15/32")
- > Supplied with: 1 lead

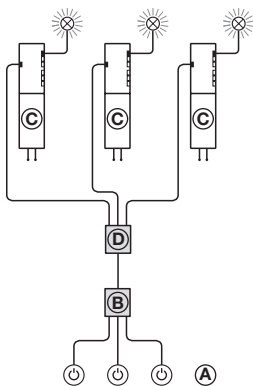
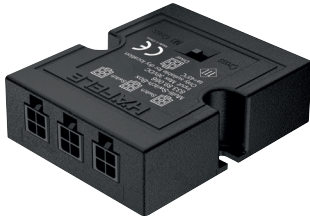
Note
The maximum lead length for a switch is 6 m (236 1/4").

Item No.
833.89.067

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

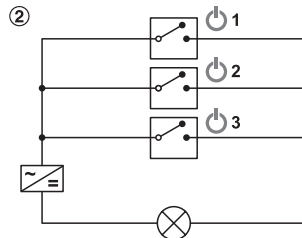
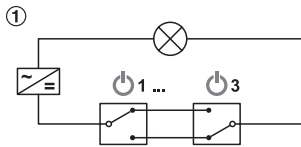
SWITCH ACCESSORIES

Multi-switch box



2 multi-switch boxes can be combined and used with 5 switches.

- Ⓐ Switch
- Ⓑ Multi-switch box
- Ⓒ Distributor
- Ⓓ Driver

**Functionality**

- > 2 operating modes can be selected using an integrated toggle switch

Cross circuit: Functions like a true 3-way switch

Each switch activation changes the state of the connected lights

- > Turn lights on with switch 1
- > Turn lights off with switch 2
- > Turn lights on with switch 1, 2 or 3

Non-cross circuit: Ideal for Interior lighting for cabinets with 2 doors

- > If either door is opened, lights turn on
- > Turn lights off with switch 2
- > Both doors must be closed to turn lights off

Note

Dimmer switches should not be used in non-cross circuit mode.

- > Allows lights to be controlled by multiple wired switches
- > Up to 3 switches to a single switch port on a distributor or driver
- > Multi-switch boxes can be linked together to add additional switches

- > Memory function: Recalls last state after power loss
- > Soft on / Soft off
- > Standby power consumption: 0.3 W
- > Degree of protection: IP20
- > Dimensions: 54 × 44 × 15 mm (2.1" × 1.7" × 0.6")
- > Material/Color: Plastic, black
- > Supplied with:
 - 1 multi-switch box
 - 1 lead for connecting multi-switch box to switch port

Item No.

833.89.036

Note

Replaces 833.89.066.

12
V

24
V

12
V

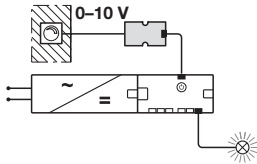
24
V

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Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

0-10 V DIMMER INTERFACE

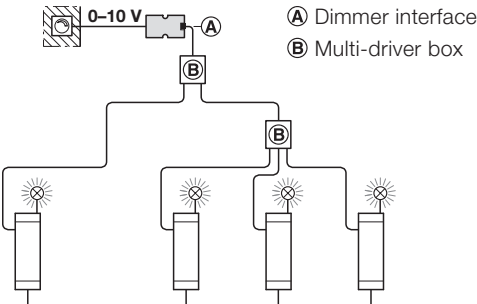
For dimming with a 0-10 V wall switch



> 0-10 V wall dimmer can be used to control furniture lights

- > For use with monochrome LED lights only
- > Degree of protection: IP20
- > L x W x H: 68.9 x 34.7 x 13.5 mm (2 11/16" x 1 3/8" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 dimmer interface

Installation example: Wall dimmer with 0-10 V control output.
No connection of the dimmer to power cord voltage.



Note
Connect a 0-10 V dimmer switch directly to the interface.
The dimmer switch should not be connected to any other power source.

Order 2 m (78 3/4") lead for modular switches separately.
Item No. 833.89.142, see page 230.

Item No.
833.89.144

12
V

24
V

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



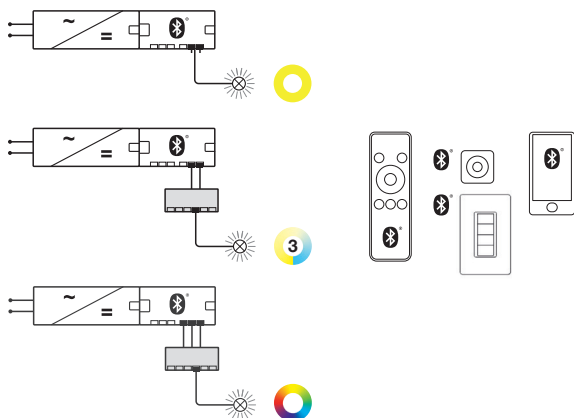
CONNECT MESH 6-WAY DISTRIBUTOR

FOR MONOCHROME, TUNABLE WHITE 3-WIRE, OR RGB

Bluetooth® wireless control, with switch port

12
V

24
V



- > Can be configured for monochrome, tunable white 3-wire or RGB lights
- > Full Connect Mesh functionality
- > Lights in the network can be controlled with any Häfele wireless or wired switch, or with mobile devices using the Häfele Connect Mesh app

- > For switching on/off, dimming (0–100%) and color control for tunable white 3-wire or RGB lights
- > With programmable switch port for standard Loox switches
- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches
- > Use Häfele Connect Mesh app 2.0 for full Connect Mesh functionality or for customizing network settings
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch port
6 x output ports with 2-pin sockets
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 6-way distributor

Voltage	Wattage capacity	Item No.
12 V	60 W	850.00.042
24 V	90 W	850.00.043

Note

Compatible with monochrome LED strip and puck lights; and with tunable white 3-wire and RGB lights with an adapter. Please order adapters separately.

Tunable white 2-wire lights are not compatible with Connect Mesh 6-way distributors.



Häfele Connect Mesh App 2.0

- > Extensive lighting control options
- > Easy network setup with user-friendly interface
- > Group lights and create scenes
- > Customize functionality of wireless remotes and switches
- > New scheduling feature
- > Häfele Connect Mesh app is free for Apple iOS® and Android™



App 2.0
for Android™



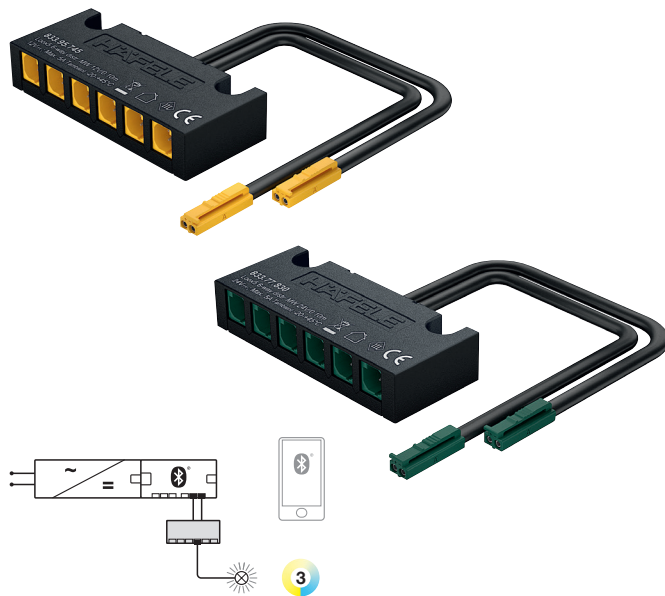
App 2.0
for Apple iOS®



TUNABLE WHITE 3-WIRE ADAPTER



Use with the Connect Mesh 6-way distributor



> For connecting tunable white 3-wire lights to the Connect Mesh 6-way distributor

- > Number of connections: 2 x integrated cables with male plugs
6 x output ports with 3-pin sockets for tunable white 3-wire LED strip or puck lights
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 tunable white 3-wire adapter with (2) 80 mm (3 1/8") integrated leads

Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.745
24 V	90 W	833.77.830

Note

Each tunable white 3-wire adapter occupies 2 adjacent output ports on the Connect Mesh 6-way distributor.

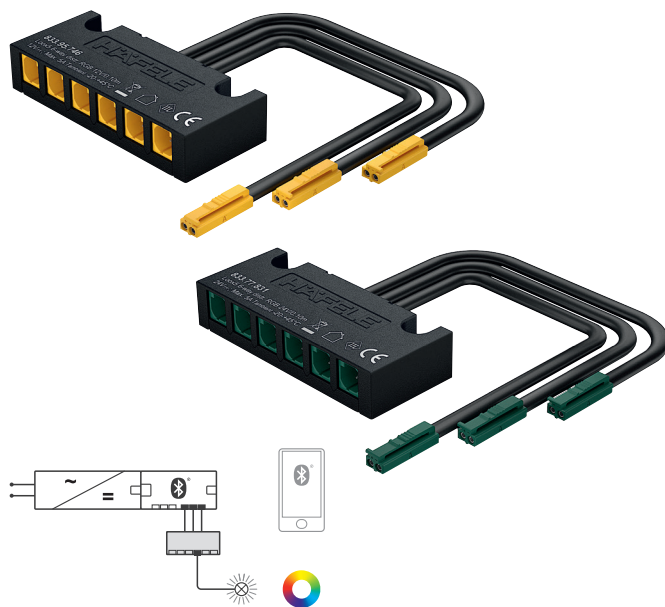
12
V

24
V

RGB ADAPTER



Use with the Connect Mesh 6-way distributor



> For connecting RGB lights to the Connect Mesh 6-way distributor

- > Number of connections: 3 x integrated cables with male plugs
6 x output ports with 4-pin sockets for RGB LED strip or puck lights
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 RGB adapter with (3) 80 mm (3 1/8") integrated leads

Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.746
24 V	90 W	833.77.831

Note

Each RGB adapter occupies 3 adjacent output ports on the Connect Mesh 6-way distributor.

NEW

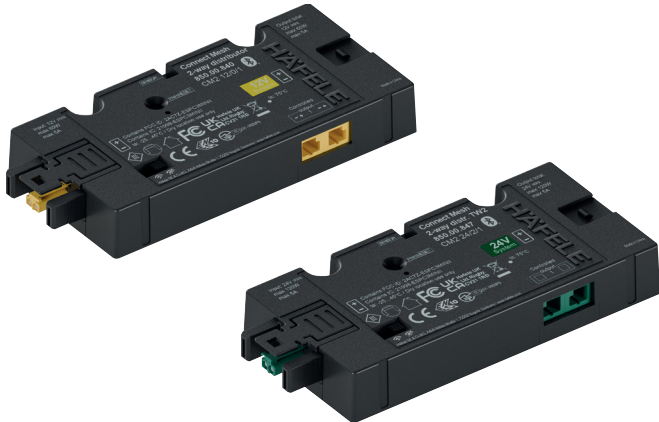


CONNECT MESH 2-WAY DISTRIBUTOR FOR MONOCHROME

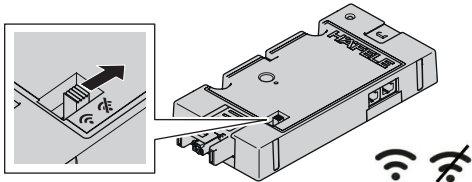
Switchable between wireless Bluetooth® and manual control modes

12
V

24
V



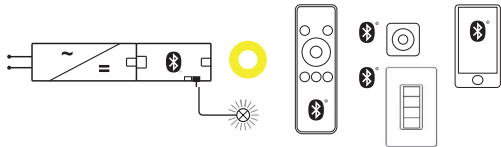
- > On/off/dimming can be controlled wirelessly or manually
 - > Switch port for wired switches/sensors can be used in either wireless or manual modes
 - > 2 output ports; both output ports are controlled together
 - > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches and remotes
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch port
2 x output ports; operates as 1 control channel
 - > L x W x H: 115 x 50 x 16 mm (4 1/2" x 2" x 5/8")
 - > Material/Color: Plastic, black
 - > Supplied with: 1 Connect Mesh 2-way distributor



Use toggle switch to select wireless Bluetooth mode or manual mode.

Wireless Bluetooth mode

- > Control on/off/dimming wirelessly
- > Connect with any Häfele Connect Mesh wireless switch or remote with EasyPairing
- > Use Häfele Connect Mesh app 2.0 for full functionality or for customizing network settings



Manual Control mode

- > Connect a wired switch to the switch port to control on/off and dimming

Voltage	Wattage capacity	Item No.
12 V	60 W	850.00.840
24 V	90 W	850.00.845

Note

Compatible with monochrome LED strip and puck lights.
These items are replacing 850.00.910, 850.00.920, 850.00.981, 850.00.982, 850.00.811 and 850.00.812.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



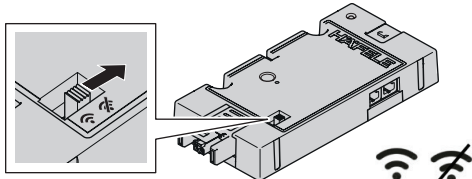
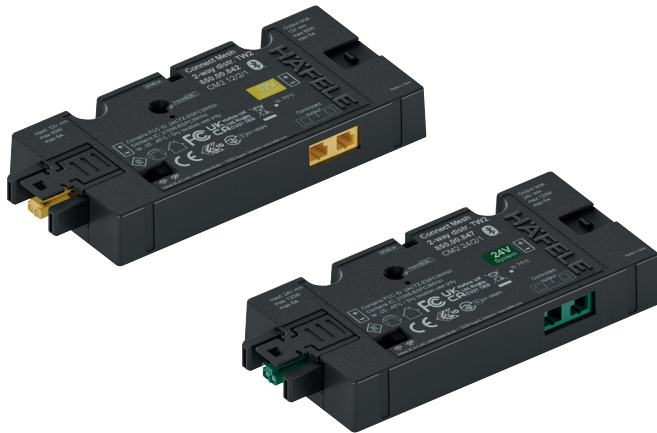
NEW

2

CONNECT MESH 2-WAY DISTRIBUTOR FOR TUNABLE WHITE 2-WIRE

2-wire

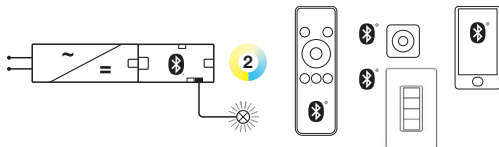
 Switchable between wireless Bluetooth® and manual control modes



Use toggle switch to select wireless Bluetooth mode or manual mode.

Wireless Bluetooth mode

- > Control color temperature and light intensity wirelessly
- > Connect with any Häfele Connect Mesh wireless switch or remote with EasyPairing
- > Use Häfele Connect Mesh app 2.0 for full functionality or for customizing network settings



Manual Control mode

- > Control color temperature manually by pushing button on distributor; 4 selection options: 2700 K, 3000 K, 4000 K and 5000 K
- > Connect a wired switch to the switch port to control on/off and dimming
- > For wireless control of on/off/dimming, attach Connect Mesh receiver (850.00.860) to the switch port. Order separately. See page 241E.

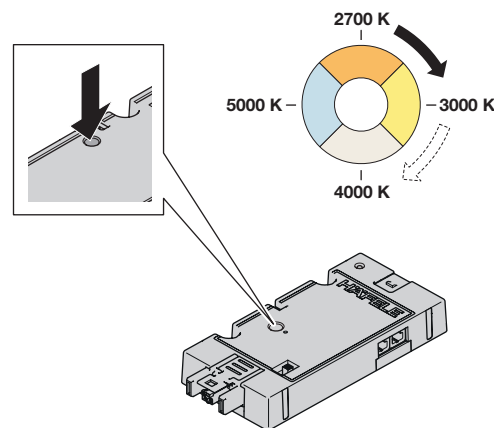
- > Color temperature and dimming can be controlled wirelessly or manually
- > Switch port for wired switches/sensors can be used in either wireless or manual modes
- > 2 output ports; both output ports are controlled together
- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches and remotes

- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch port
2 x output ports; operates as 1 control channel
- > L x W x H: 115 x 50 x 16 mm (4 1/2" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 2-way distributor

Voltage	Wattage capacity	Item No.
12 V	60 W	850.00.842
24 V	90 W	850.00.847

Note

Compatible with tunable white 2-wire LED strip and puck lights. These items are replacing 850.00.911, 850.00.912, 850.00.810, 850.00.811, 833.95.894 and 833.95.895.



12 V

24 V



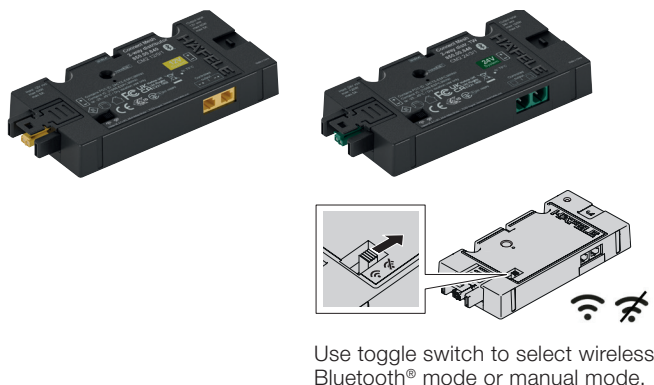
NEW

3

CONNECT MESH 2-WAY DISTRIBUTOR FOR TUNABLE WHITE 3-WIRE

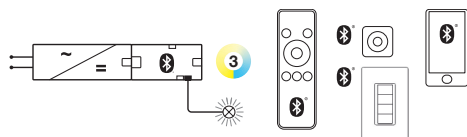
3-wire

 Switchable between wireless Bluetooth® and manual control modes

12
V24
V

Wireless Bluetooth® mode

- > Control color temperature and light intensity wirelessly
- > Connect with any Häfele Connect Mesh wireless switch or remote with EasyPairing
- > Use Häfele Connect Mesh app 2.0 for full functionality or for customizing network settings



Manual Control mode

- > Control color temperature manually by pushing button on distributor; 4 selection options: 2700 K, 3000 K, 4000 K and 5000 K
- > Connect a wired switch to the switch port to control on/off and dimming
- > For wireless control of on/off/dimming, attach Connect Mesh receiver (850.00.860) to the switch port. Order separately. See page 241E.

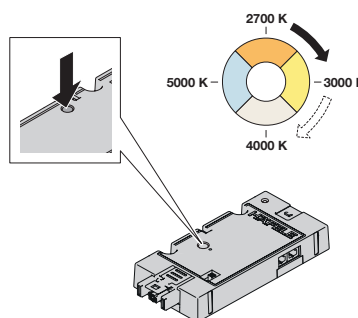
- > Color temperature and dimming can be controlled wirelessly or manually
- > Switch port for wired switches/sensors can be used in either wireless or manual modes
- > 2 output ports; both output ports are controlled together
- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches and remotes

- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch port
2 x output ports; operates as 1 control channel
- > L x W x H: 115 x 50 x 16 mm (4 1/2" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 2-way distributor

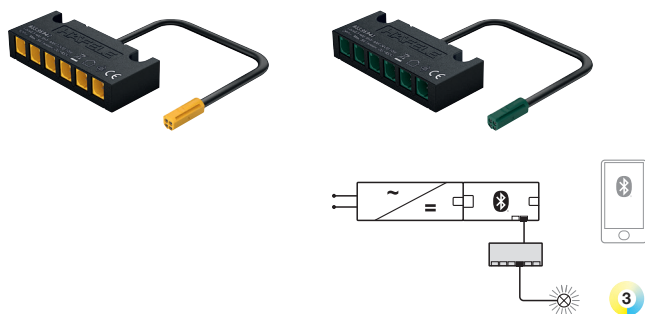
Voltage	Max. connected wattage	Item No.
12 V	60 W	850.00.841
24 V	90 W	850.00.846

Note

Compatible with tunable white 3-wire LED strip and puck lights. These items are replacing 850.00.957, 850.00.958, 850.00.983, 850.00.984, 833.95.892 and 833.95.893.



6-WAY DISTRIBUTOR FOR TUNABLE WHITE 3-WIRE



- > For adding additional lights to 2-way Connect Mesh distributors
- > All lights operate as 1 control channel

- > Number of connections: 1 x Tunable White 3-wire cable with male 3-pin plug
6 x Tunable White 3-wire output ports
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Voltage	Max. connected wattage	Item No.
12 V	60 W	833.95.942
24 V	90 W	833.95.943

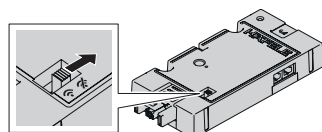




NEW

CONNECT MESH 2-WAY DISTRIBUTOR FOR RGB

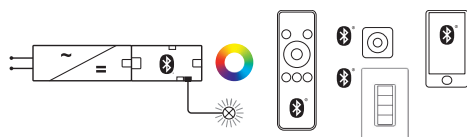
Switchable between wireless Bluetooth® and manual control modes



Use toggle switch to select wireless Bluetooth® mode or manual mode.

Wireless Bluetooth® mode

- > Control color selection and light intensity wirelessly
- > Connect with any Häfele Connect Mesh wireless switch or remote with EasyPairing
- > Use Häfele Connect Mesh app 2.0 for full functionality or for customizing network settings



Manual Control mode

- > Control color manually by pushing button on distributor. 8 color options: red, orange, yellow, green, cyan, blue, violet, magenta. With another push of the button, it will phase through each of the colors in an 80 second cycle
- > Connect a wired switch to the switch port to control on/off and dimming
- > For wireless control of on/off/dimming, attach Connect Mesh receiver (850.00.860) to the switch port. Order separately. See page 241E.



- > Color selection and dimming can be controlled wirelessly or manually
- > Switch port for wired switches/sensors can be used in either wireless or manual modes
- > 2 output ports; both output ports are controlled together
- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches and remotes

- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
1 x input switch port
2 x output ports; operates as 1 control channel

> L x W x H: 115 x 50 x 16 mm (4 1/2" x 2" x 5/8")

> Material/Color: Plastic, black

> Supplied with: 1 Connect Mesh 2-way distributor

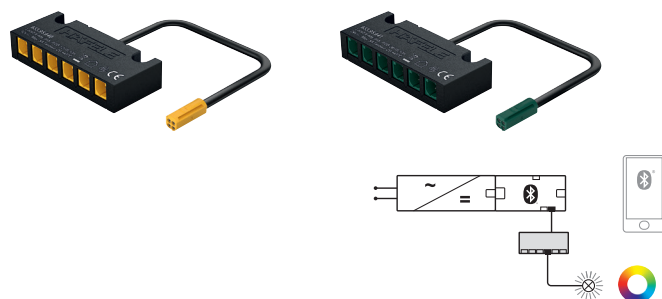
Voltage	Max. connected wattage	Item No.
12 V	60 W	850.00.843
24 V	90 W	850.00.848

Note

Compatible with RGB LED strip and puck lights.
These items are replacing 850.00.959, 850.00.960, 850.00.985, 850.00.986, 833.95.890 and 833.95.891.

12
V24
V

6-WAY DISTRIBUTOR FOR RGB



- > For adding additional lights to 2-way Connect Mesh distributors
- > All lights operate as 1 control channel

- > Number of connections: 1 x RGB 4-wire cable with male 4-pin plug
6 x RGB 4-wire output ports
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

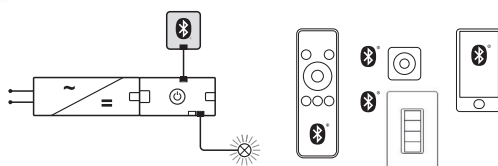
Voltage	Max. connected wattage	Item No.
12 V	60 W	833.95.940
24 V	90 W	833.95.941



NEW

CONNECT MESH SWITCH PORT RECEIVER FOR WIRELESS ON/OFF/DIMMING

 Allows for wireless switching control of non-Bluetooth® devices with a switch port



- > Lights connected to any non-Bluetooth distributor with a switch port can be controlled wirelessly
- > EasyPairing enabled; allows direct pairing with any Häfele Connect Mesh wireless switch or remote
- > Can also be controlled by mobile devices when added to networks using the Häfele Connect Mesh mobile app for Apple iOS® and Android™

- > Functionality: Offers wireless on/off/dimming (no color control) for lights connected to non-Bluetooth devices with a wired switch port
- > L x W x H: 50 x 45 x 13 mm (2" x 1 25/32" x 1/2")
- > Material/Color: Plastic, black
- > Supplied with:
 - 1 Bluetooth switch port receiver
 - 1 1m (39 3/8") lead for modular switches

Item No.

850.00.860

Note

The switch port receiver can be used with any of the devices listed below:

- > 6-way distributors with switching function: 833.95.748 (12 V) & 833.77.833 (24 V)
- > 2-way distributors with switching function: 833.95.901 & 833.95.902(12 V); 833.77.842 & 833.77.843 (24 V)
- > 6-way distributors with manual color temperature or color control:
 - Tunable white 2-wire: 833.95.894 (12 V), 833.95.895 (24 V)
 - Tunable white 3-wire: 833.95.892 (12 V), 833.95.893 (24 V)
 - RGB: 833.95.890 (12 V), 833.95.891 (24 V)
- > 2-way Connect Mesh distributors when set to manual (non-Bluetooth®) mode:
 - Tunable white 2-wire: 850.00.842(12 V), 850.00.847 (24 V)
 - Tunable white 3-wire: 850.00.841 (12 V), 850.00.846 (24 V)
 - RGB: 850.00.843 (12 V), 850.00.8487 (24 V)
- > 4-port (ECO) drivers:
 - 20 W: 833.72.932 (12 V), 833.75.932 (24 V)
 - 40 W: 833.72.934 (12 V), 833.75.934 (24 V)

Note

The switch port receiver is not recommended for use with 6-way distributors with 3-switch ports: 833.95.828 (12 V) and 833.95.829 (24 V).



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12
V

24
V

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Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

2

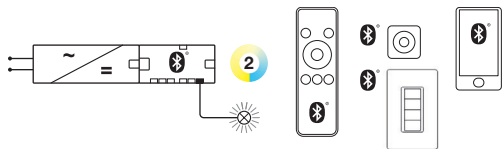
CONNECT MESH 4-WAY DISTRIBUTOR FOR TUNABLE WHITE 2-WIRE

2-wire

Bluetooth® wireless control

12
V

24
V



- > Connect tunable white 2-wire lights directly without adapters
- > Offers wireless control of color temperature and light intensity when paired with Häfele Connect Mesh switches and remotes

- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh wireless switches
- > Use Häfele Connect Mesh app 2.0 for full connect mesh functionality or for customizing network settings
- > Number of connections: 1 x input port with box to box plug
1 x output port with box to box socket
1 x input switch port
4 x output ports
- > L x W x H: 105 x 50 x 16 mm (4 1/8" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 4-way distributor

Voltage	Wattage capacity	Item No.
12 V	36 W	850.00.912
24 V	72 W	850.00.922

Note

Compatible with tunable white 2-wire LED strips and puck lights.



NEW

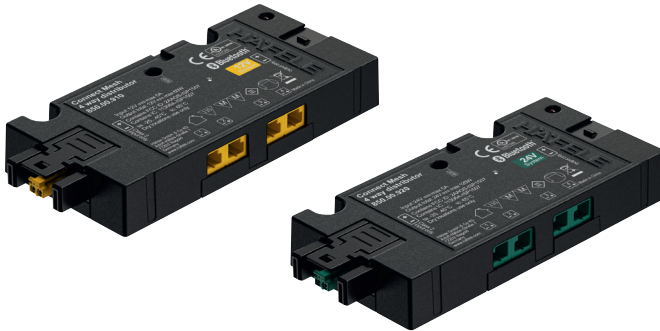


PRESS-TO-PAIR DISTRIBUTORS

FOR PAIRING WITH KINETIC WALL SWITCHES

2-wire

Bluetooth® wireless control



- > Pairs with kinetic battery-free, wireless rocker switches; no app required
- > Multiple press-to-pair distributors can be paired with one or more kinetic wall switches
- > For on/off, dimming and color temperature control

- > Monochrome or 2-wire tunable white
- > L x W x H: 105 x 50 x 16 mm (4 1/8" x 2" x 5/8")
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
4 x output ports for monochrome or 2-wire tunable white lights

- > Material/Color: Plastic, black
- > Supplied with: 1 press-to-pair distributor

Voltage	Wattage capacity	Item No.
12 V	36 W	850.00.810
24 V	72 W	850.00.811

Note

Compatible with monochrome or tunable white 2-wire LED strip or puck lights. Use single rocker kinetic switch for monochrome and double rocker switch for tunable white.

For more information on kinetic wall switches, see page 247.

Please order kinetic wall switches separately.

**Monochrome**

Pair with single rocker switch
(850.00.940)

**2-wire tunable white**

Pair with double rocker switch
(850.00.944)

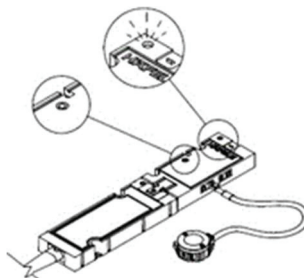
12 V

24 V

Linking press-to-pair distributors with battery-free rocker switches

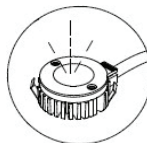
Set distributor to pairing mode

Press and release the black reset button on the distributor. The red light on the distributor will blink slowly when ready for pairing.

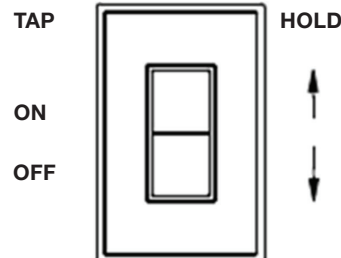
**Pair distributor with rocker switch**

1. Press and hold the upper button for at least 8 seconds and release.
2. Press the upper button for 1 second and release.
3. Press and hold the upper button for 8 seconds and release.
4. The status LED and the lights connected to the distributor should flash 3 times to indicate the pairing was successful.

X8, X1, X8



Control settings are pre-programmed and available once pairing is complete.



Scan for video instructions

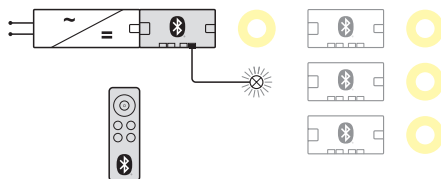
Tunable white

Use the double rocker switch. The left switch controls On/Off/Dimming; The right switch controls the color temperature. To pair a distributor with a double rocker switch, follow the same process, pressing the upper left button.

CONNECT MESH 4-WAY DISTRIBUTOR AND REMOTE

PRE-PAIRED SET FOR MONOCHROME

 Bluetooth® wireless control

12
V24
V

4-Channel Functionality

By default, the remote controls all the lights together. When you select one of the four channels on the remote, the remote will control all the corresponding output port on all mesh boxes in the network.

- > Distributor and remote are "pre-paired"; app is not required
- > Ideal for smaller installations with up to 4 distributors and 1 remote control

- > For switching on/off and dimming (0–100%)
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
4 x output ports for monochrome lights
- > L x W x H: Distributor: 105 x 50 x 16 mm (4 1/8" x 2" x 5/8")
Remote control: 125 x 40 x 12 mm
(4 15/16" x 1 5/8" x 15/32")
- > Material/Color: Plastic, black
- > Supplied with:
1 Connect Mesh 4-way monochrome distributor
1 remote control with CR2032 battery included

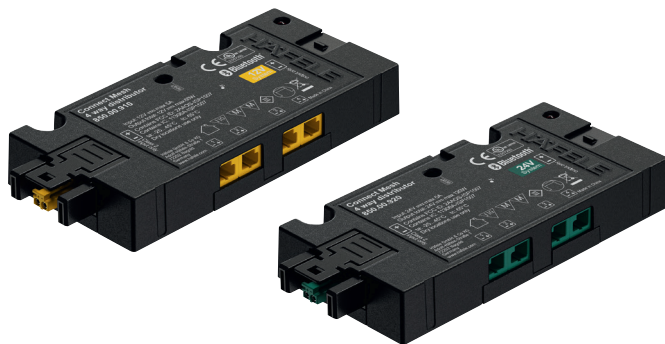
Voltage	Wattage capacity	Item No.
12 V	36 W	850.00.981
24 V	72 W	850.00.982

Ordering Information

Connect Mesh pre-paired sets are expandable up to 4 distributors. Please order additional distributors separately.

For full Connect Mesh functionality with app control, please use the Connect Mesh 6-way distributor.

 Bluetooth® Connect Mesh 4-way monochrome distributor



- > Individual monochrome distributor for adding to existing pre-paired sets
- > Easily paired with remote; app is not required

- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 4-way monochrome distributor

Voltage	Wattage capacity	Item No.
12 V	36 W	850.00.910
24 V	72 W	850.00.920

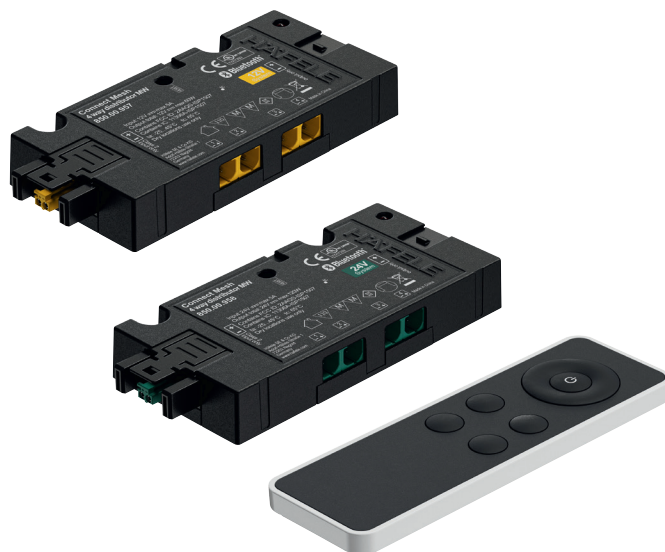
CONNECT MESH 4-WAY DISTRIBUTOR AND REMOTE

PRE-PAIRED SET FOR TUNABLE WHITE 3-WIRE

3

3-wire

Bluetooth® wireless control



- > Distributor and remote are "pre-paired"; app is not required
- > Tunable white 3-wire ports; no adapters needed
- > Ideal for smaller installations with up to 4 distributors and 1 remote control

- > For switching on/off, dimming (0–100%) and color temperature control for tunable white 3-wire lights
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
4 x output ports with 2-pin sockets for tunable white 3-wire lights
- > L x W x H: Distributor: 105 x 50 x 16 mm (4 1/8" x 2" x 5/8")
Remote control: 125 x 40 x 12 mm
(4 15/16" x 1 5/8" x 15/32")
- > Material/Color: Plastic, black
- > Supplied with:
1 Connect Mesh 4-way tunable white 3-wire distributor
1 remote control with CR2032 battery included

Voltage	Wattage capacity	Item No.
12 V	36 W	850.00.983
24 V	72 W	850.00.984

Ordering Information

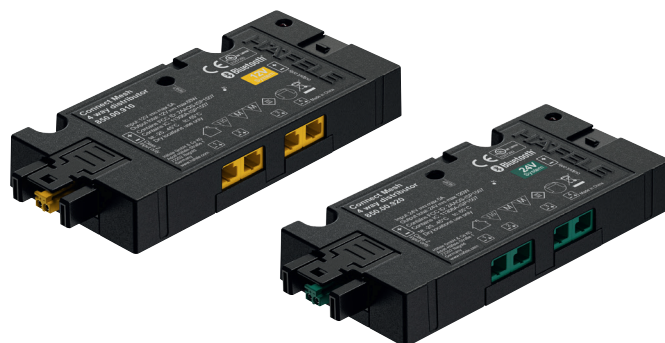
Connect Mesh pre-paired sets are expandable up to 4 distributors. Please order additional distributors separately.

For full Connect Mesh functionality with app control, please use the Connect Mesh 6-way distributor.

Single Channel Functionality

By default, the remote controls all the lights together. When you select one of the four channels on the remote, the remote will only control the lights connected to the mesh box that was assigned to that channel during the pairing process.

Bluetooth® Connect Mesh 4-way tunable white 3-wire distributor



- > Individual tunable white-3-wire distributor for adding to existing pre-paired sets
- > Easily paired with remote; app is not required

- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 4-way tunable white 3-wire distributor

Voltage	Wattage capacity	Item No.
12 V	36 W	850.00.957
24 V	72 W	850.00.958

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

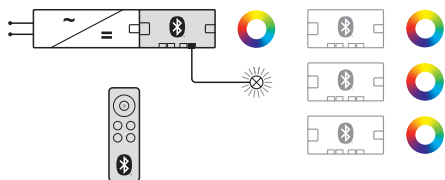
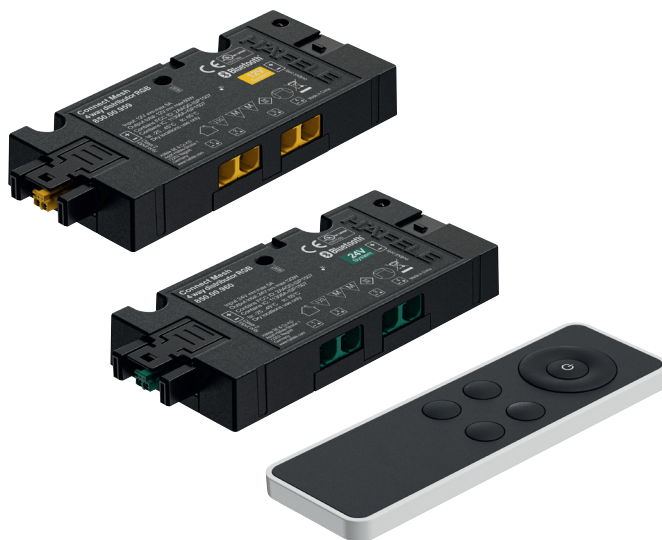


CONNECT MESH 4-WAY DISTRIBUTOR AND REMOTE PRE-PAIRED SET FOR RGB

Bluetooth® wireless control

12
V

24
V



Single Channel Functionality

By default, the remote controls all the lights together. When you select one of the four channels on the remote, the remote will only control the lights connected to the mesh box that was assigned to that channel during the pairing process.

- > Distributor and remote are "pre-paired"; app is not required
- > RGB ports; no adapters needed
- > Ideal for smaller installations with up to 4 distributors and 1 remote control

- > For switching on/off, dimming (0–100%) and color selection for RGB lights
- > Number of connections: 1 x input port with box-to-box plug
1 x output port with box-to-box socket
4 x output ports with 4-pin sockets for RGB lights
- > L x W x H: Distributor: 105 x 50 x 16 mm (4 1/8" x 2" x 5/8")
Remote control: 125 x 40 x 12 mm
(4 15/16" x 1 5/8" x 15/32")
- > Material/Color: Plastic, black
- > Supplied with:
1 Connect Mesh 4-way RGB distributor
1 remote control with CR2032 battery included

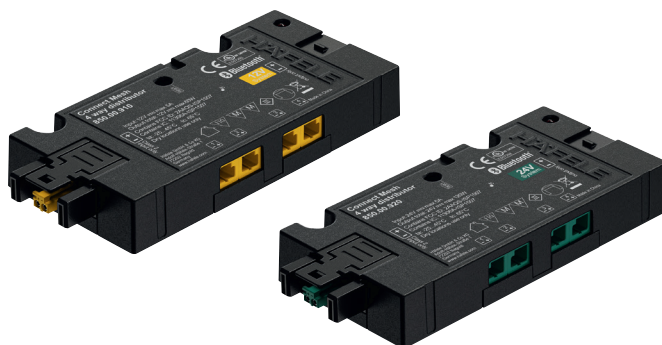
Voltage	Wattage capacity	Item No.
12 V	36 W	850.00.985
24 V	72 W	850.00.986

Ordering Information

Connect Mesh pre-paired sets are expandable up to 4 distributors. Please order additional distributors separately.

For full Connect Mesh functionality with app control, please use the Connect Mesh 6-way distributor.

Bluetooth® Connect Mesh 4-way RGB distributor



- > Individual Connect Mesh RGB distributor for adding to existing pre-paired sets.
- > Easily paired with remote; app is not required

- > Material/Color: Plastic, black
- > Supplied with: 1 Connect Mesh 4-way RGB distributor

Voltage	Wattage capacity	Item No.
12 V	36 W	850.00.959
24 V	72 W	850.00.960

NEW

CONNECT MESH WIRELESS SWITCHES

KINETIC WALL SWITCHES

 Bluetooth® battery-free wireless wall switch, single and double rocker

Single rocker



Double rocker



For use with press-to-pair and Connect Mesh distributors

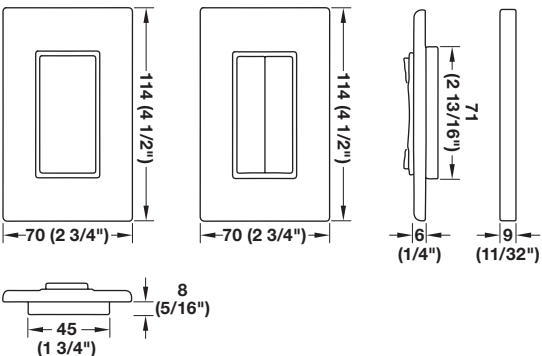
- > Battery-free, energy harvesting technology
- > Pressing the switch creates enough energy to transmit wireless signals to Bluetooth® distributors
- > Traditional Decora style works seamlessly with any home design
- > Can be flush mounted over a standard switch box or surface mounted directly to the wall

- > Replaces EnOcean switches 850.00.025 and 850.00.026
- > Functionality: On/Off
 - Dimming
 - Color temperature control
- > Range: 10 m (32' 9")
- > Frequency: Bluetooth® (BLE) 2.4 GHz
- > Sensor angle: 90° horizontal; 90° vertical
- > H x W x D: 114 x 70 x 16 mm (4 1/2" x 2 3/4" x 5/8")
- > Material: Plastic
- > Supplied with:
 - Single or double rocker switch
 - Face plate
 - Back plate for surface mounting
 - Mounting screws

Color	Single	Double
white	850.00.940	850.00.944
black	850.00.941	850.00.945
ivory	850.00.942	850.00.946
almond	850.00.943	850.00.947

Note

Order press-to-pair or Connect Mesh distributor separately.



Back plate



Single rocker



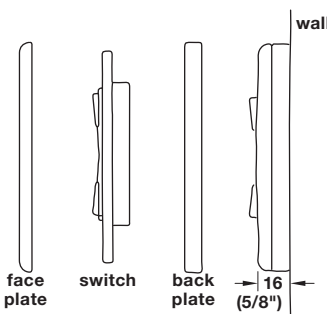
Double rocker



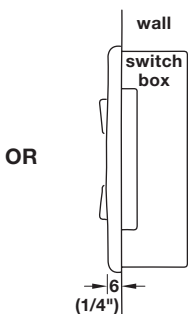
Front plate



Surface mount



Flush mount



OR

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12
V

24
V

CONNECT MESH WIRELESS SWITCHES

4-BUTTON WIRELESS WALL SWITCHES

 **Bluetooth® Connect Mesh 4-button remote and wall plate kit**

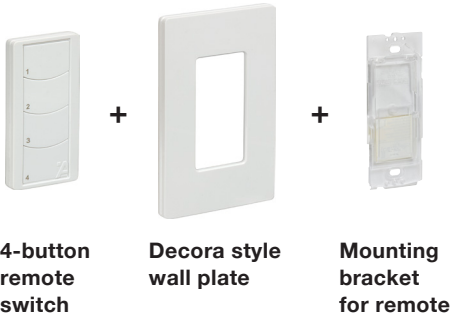
12
V

24
V



- > 4-button remote with wall plate, mounting bracket and battery
- > Screw mounts on a wall surface or can be installed over a wall box

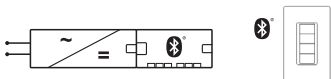
- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh distributors
- > Use Häfele Connect Mesh app 2.0 for full Connect Mesh functionality or for customizing network settings
- > L x W x H: 119 x 75 x 8 mm (4 11/16" x 3" x 5/16")
- > Material/Color: Plastic, white
- > Supplied with:
 - 4-button remote (850.00.951)
 - Decora style wall plate with mounting screws (820.66.753)
 - Mounting bracket for remote control (825.73.775)
 - CR2032 button cell lithium battery (002.99.032)



Item No.
450.80.868



 **Bluetooth® Connect Mesh 4-button remote, fits Decora style wall plates**



- Design advantage**
- > Designed to fit with Decora style wall plates, this wireless 4-button switch provides a clean contemporary appearance, and can be mounted flush to the wall

- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh distributors
- > Use Häfele Connect Mesh app 2.0 for full Connect Mesh functionality or for customizing network settings
- > Use as a handheld control or wall mount with a Decora style wall plate and mounting bracket
- > L x W x H: 67 x 33 x 8 mm (2 5/8" x 1 5/16" x 5/16")
- > Material/Color: Plastic, white
- > Supplied with: 4-button remote switch

Item No.
850.00.951

Note
Battery not included. Order 1 replaceable CR2032 button cell lithium battery (1 x 002.99.032) separately.

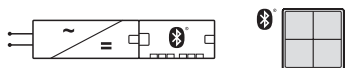


Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

CONNECT MESH WIRELESS SWITCHES

4-BUTTON WIRELESS WALL SWITCHES

Bluetooth® Connect Mesh 4-button wireless wall switch, Euro Style

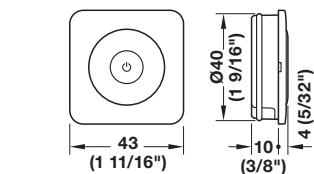


- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh distributors
- > Use Häfele Connect Mesh app 2.0 for full Connect Mesh functionality or for customizing network settings
- > 4-button panel
- > For screw or glue fixing to any wall
- > L x W x H: 81 x 81 x 12 mm (3 3/16" x 3 3/16" x 15/32")
- > Material/Color: Plastic, black/white
- > Supplied with:
 - 1 push button, wall-mounted
 - 1 replaceable CR2430 button cell lithium batteries (002.99.034)

Item No.
850.00.041

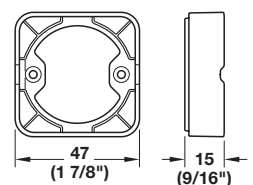
12
V24
V

Bluetooth® Connect Mesh multi-functional furniture switch



> Multi-functional control for monochrome, tunable white and RGB lights

- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh distributors
- > Use Häfele Connect Mesh app 2.0 for full Connect Mesh functionality or for customizing network settings
- > On/off, dimming, change color (RGB) or color temperature (tunable white)
- > Recessed in drilled hole or surface mounted with supplied switch housing
- > Drill hole Ø: 40 mm (1 5/8")
- > Dimensions: Switch (L x W): 43 x 43 mm (1 11/16" x 1 11/16")
Housing (L x W x H): 47 x 47 x 15 mm (1 7/8" x 1 7/8" x 9/16")
- > Material/Color: Plastic, black/white
- > Supplied with:
 - 1 furniture switch
 - 1 surface mount housing
 - 1 replaceable CR2032 button cell lithium battery (002.99.032)



Surface mount housing

Item No.
850.00.952

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

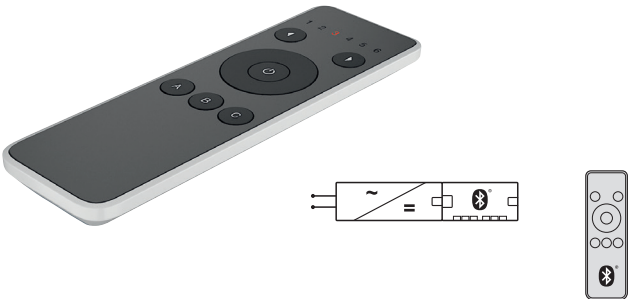


CONNECT MESH REMOTE CONTROLS

Bluetooth® Connect Mesh 6-channel remote control

12
V

24
V



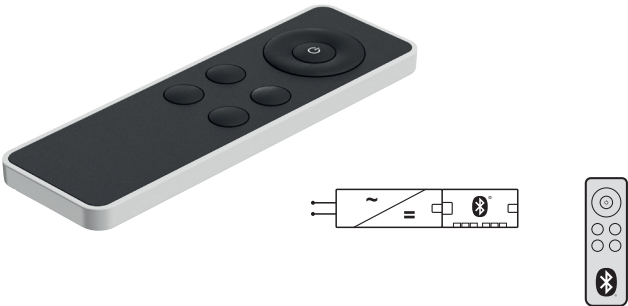
- > Multi-functional control for monochrome, tunable white and RGB lights
- > Internal magnet for easy mounting
- > Allows separate control of up to 6 different groups of lights in a network
- > Create and recall up to 3 scenes per channel

- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh distributors
- > Use Häfele Connect Mesh app 2.0 for full Connect Mesh functionality or for customizing network settings
- > Multi-function control panel
- > L x W x H: 130 x 42 x 11 mm (5 1/8" x 1 5/8" x 7/16")
- > Material/Color: Plastic, black/white
- > Supplied with:
 - 1 remote control
 - 2 replaceable CR2032 button cell lithium batteries (002.99.032)

Item No.

850.00.040

Bluetooth® Connect Mesh 1-channel Eco remote control



- > Multi-functional control for monochrome, tunable white and RGB lights
- > Create and recall up to 4 scenes

- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh distributors
- > Use Häfele Connect Mesh app 2.0 for full Connect Mesh functionality or for customizing network settings
- > L x W x H: 130 x 42 x 11 mm (5 1/8" x 1 5/8" x 7/16")
- > Material/Color: Plastic, black/white
- > Supplied with:
 - 1 remote control
 - 1 replaceable CR2032 button cell lithium battery (002.99.032)

Item No.

850.00.950

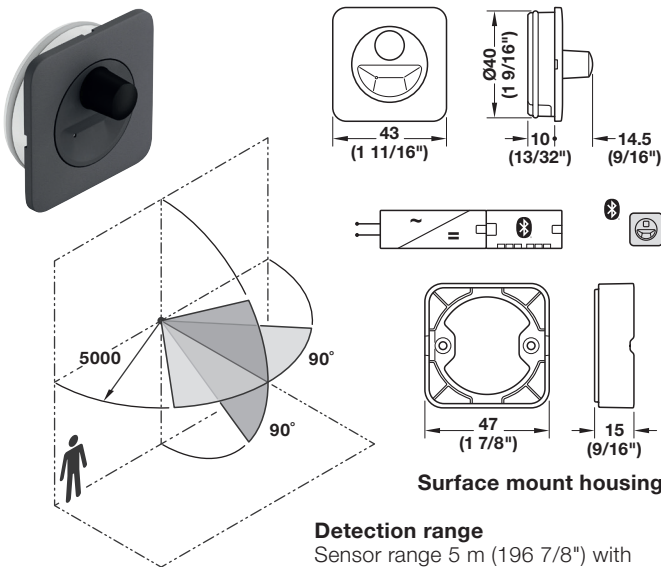


Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

CONNECT MESH MOTION SENSORS

BATTERY POWERED

Bluetooth® Connect Mesh battery powered motion detector



Detection range
Sensor range 5 m (196 7/8") with temperature difference of 39° F between environment and moving object. Range up to 7 m (275 9/16") with difference of 46° F.

- > Motion detector with daylight sensor
- > Battery powered sensors offer greater flexibility for location and installation of the motion detector
- > Run-time, brightness threshold, and soft-off settings can be customized with the Häfele Connect Mesh app
- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh distributors
- > Use Häfele Connect Mesh app 2.0 for full Connect Mesh functionality or for customizing network settings
- > Sensor range: 5 m (approximately 16 ft.)
- > Sensor angle: 90° horizontal; 90° vertical
- > Battery service life: >1 year
- > Recess in drilled hole or surface mount with supplied housing
- > Drill hole Ø: 40 mm (1 5/8")
- > Switch (L x W): 43 x 43 mm (1 11/16" x 1 11/16")
- > Housing (L x W x H): 47 x 47 x 15 mm (1 7/8" x 1 7/8" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 motion detector switch, 1 surface mount housing 1 replaceable CR2032 button cell lithium battery (002.99.032)

Item No.
850.00.953

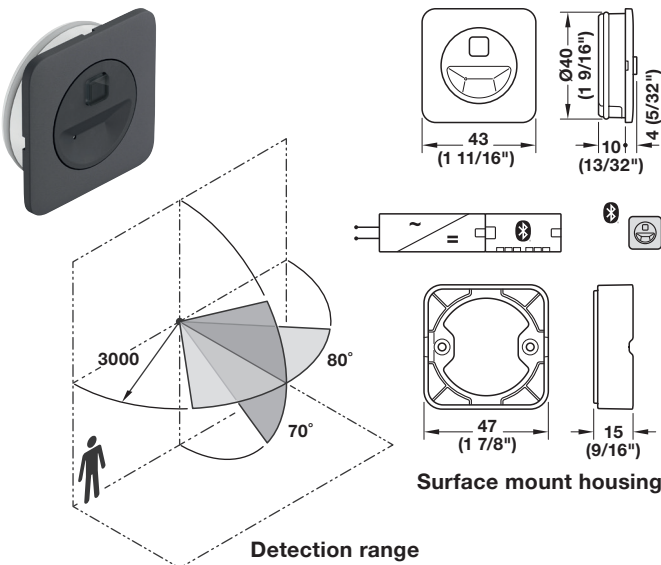


12
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24
V

DIRECT POWERED

Bluetooth® Connect Mesh direct powered motion detector



Detection range

- > Motion detector with daylight sensor
- > Direct powered sensors will never require changing batteries; the modular lead cables are for power supply only, switching is controlled by Bluetooth®
- > Run-time, brightness threshold, and soft-off settings can be customized with the Häfele Connect Mesh app
- > EasyPairing enabled; allows direct pairing with Häfele Connect Mesh distributors
- > Use Häfele Connect Mesh app 2.0 for full Connect Mesh functionality or for customizing network settings
- > Sensor range: 3 m (approximately 10 ft.)
- > Sensor angle: 80° horizontal; 70° vertical
- > Power consumption: 2 W
- > Recess in drilled hole or surface mount with supplied housing
- > Drill hole Ø: 40 mm (1 5/8")
- > Switch (L x W): 43 x 43 mm (1 11/16" x 1 11/16")
- > Housing (L x W x H): 47 x 47 x 15 mm (1 7/8" x 1 7/8" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 motion detector switch, 1 surface mount housing 1 12 V or 24 V modular lead cable (833.95.788 or 833.95.791)

Voltage	Item No.
12 V	850.00.954
24 V	850.00.955



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



DISTRIBUTORS AND CABLES



DISTRIBUTORS AND CABLES

Definition of Terms	page 254
Loox3 to Loox5 Adapters	page 255

6-WAY DISTRIBUTORS

With integrated lead cable.	page 256
For hardwired applications	page 256
Box to box.	page 256

2-WAY DISTRIBUTORS

Box to box.	page 257
With integrated lead cable.	page 257

6-WAY DISTRIBUTORS, MULTI-SWITCHING

Box to box.	page 258
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CABLE DISTRIBUTORS

2-way splitter cable and 4-way	page 259
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12 V

Leads and Connectors

- For COB Gold strip lights	page 260
- For 8 mm (5/16") monochrome and tunable 2-wire strip lights.	page 261
- For IP44 silicone strip lights	page 262
- For 5 mm (3/16") monochrome strip lights	page 263
- For 8 mm (5/16") tunable white 3-wire strip lights	page 264
- For 10 mm (3/8") RGB strip lights	page 265

Modular Leads

- For monochrome and tunable white 2-wire	page 266
- For tunable white 3-wire	page 267

Extension Leads

- For monochrome and tunable white 2-wire	page 268
- For tunable white 3-wire	page 269
- For RGB	page 270

24 V

Leads and Connectors

- For COB Gold strip lights	page 271
- For 8 mm (5/16") monochrome and tunable white 2-wire strip lights	page 272
- For IP44 silicone strip lights	page 273
- For 5 mm (3/16") monochrome strip lights	page 274
- For 8 mm (5/16") tunable white 3-wire strip lights	page 275
- For 10 mm (3/8") RGB strip lights	page 276

Modular Leads

- For monochrome and tunable white 2-wire	page 277
- For tunable white 3-wire	page 278

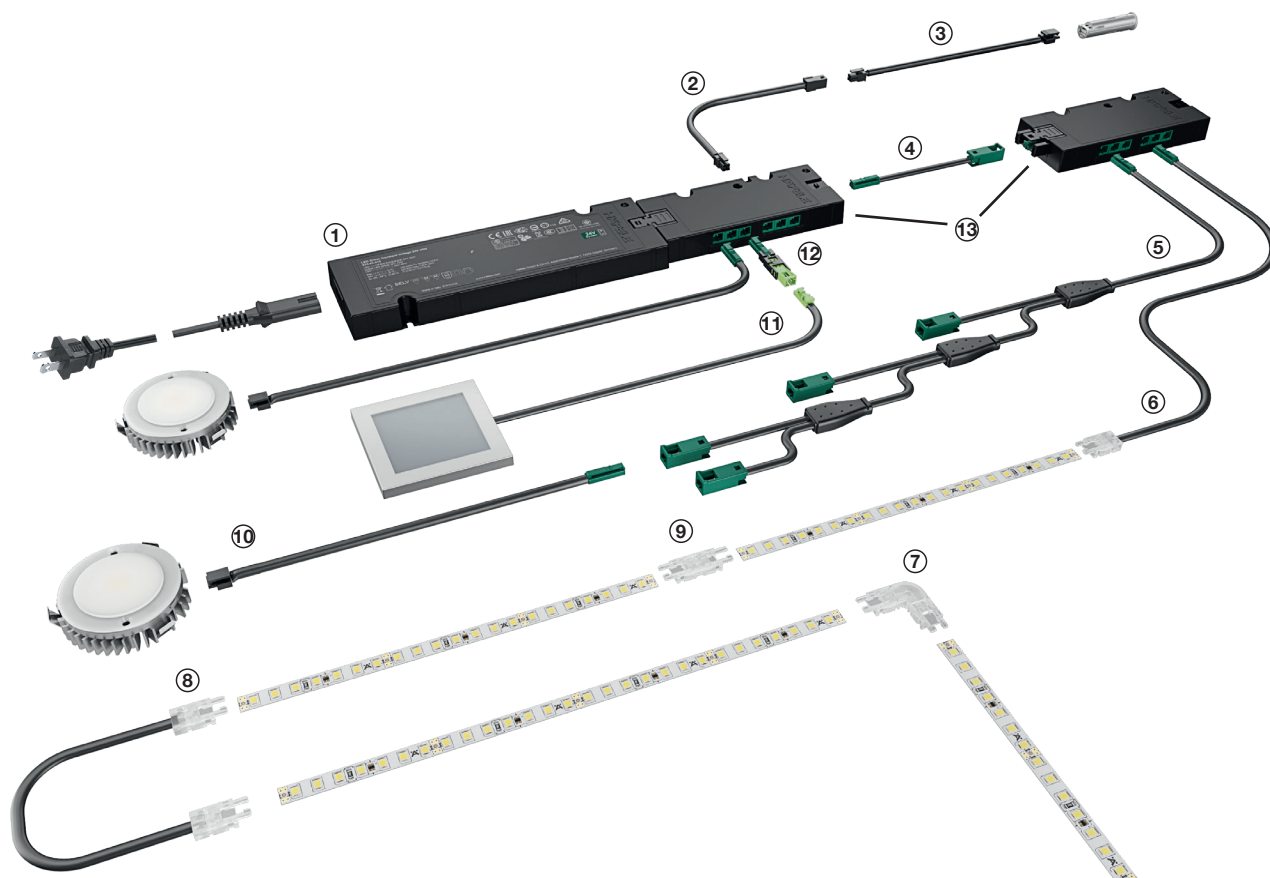
Extension Leads

- For monochrome and tunable white 2-wire	page 279
- For tunable white 3-wire	page 280
- For RGB	page 281

DEFINITION OF TERMS

12
V

24
V



- ① Driver and power cord
- ② Extension lead for switch
- ③ Modular switch cable
- ④ Extension lead
- ⑤ 4-way cable distributor
- ⑥ Lead for LED strip light
- ⑦ Corner connector for LED strip light
- ⑧ Interconnecting lead for LED strip light
- ⑨ Clip connector for LED strip light
- ⑩ Modular lead
- ⑪ Light with permanent lead
- ⑫ Adapter
- ⑬ 6-way distributor

6-way distributor

Box to box



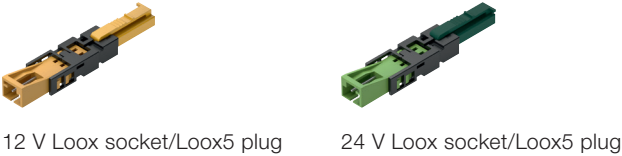
With integrated lead

**Distributor without
switching function****6-way distributor with switch port****Distributor with switch port for
on/off dimming control with
Häfele wired switches****Connect Mesh 6-way distributor****Distributor with Bluetooth®
chip for wireless control
with Häfele Connect Mesh**

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

ADAPTERS

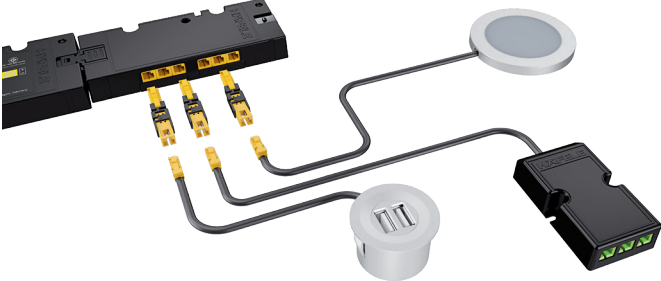
For connecting Loox3 plugs to Loox5 drivers and distributors



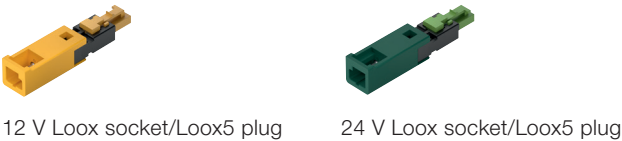
- > Suitable for all devices with Loox3 plugs
- > Length: 50 mm (2")
- > Current carrying capacity: Max. 3.5 A
- > Drill hole Ø: 12 mm (15/32")
- > Supplied with: 1 adapter

Socket	Plug	Wattage capacity	Item No.
Loox3 12 V	Loox5 12 V	42 W	833.95.753
Loox 3 24 V	Loox5 24 V	84 W	833.77.838

Note
 Not compatible with tunable white 3-wire or RGB plugs.
 The current carrying capacity is limited to 3.5 A.
 Observe maximum wattage.



For connecting Loox5 plugs to Loox3 drivers and distributors



- > Suitable for all devices with Loox5 2-pin plugs
- > Length: 45 mm (1 3/4")
- > Current carrying capacity: Max. 3.5 A
- > Drill hole Ø: 13 mm (1/2")

Socket	Plug	Wattage capacity	Item No.
Loox5 12 V	Loox3 12 V	42 W	833.95.752
Loox5 24 V	Loox3 24 V	84 W	833.77.837

Note
 Not compatible with tunable white 3-wire or RGB plugs.
 The current carrying capacity is limited to 3.5 A.
 Observe maximum wattage.



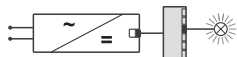
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12 V

24 V

6-WAY DISTRIBUTORS

6-way, with integrated lead cable

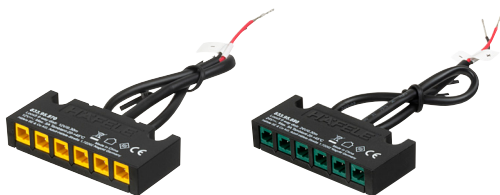


Can also be connected
to 6-way distributor

- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Number of connections: 1 x input cable with male plug
6 x output ports
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.786
24 V	90 W	833.77.839

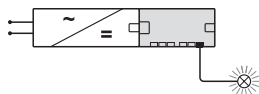
With bare wire cable for hardwired applications



- > Add to any hardwired dimmable driver to turn the low voltage output into modular connectors for lights
- > 18 AWG wires are marked with polarity
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.870
24 V	90 W	833.95.880

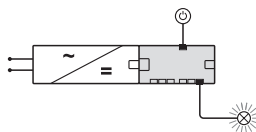
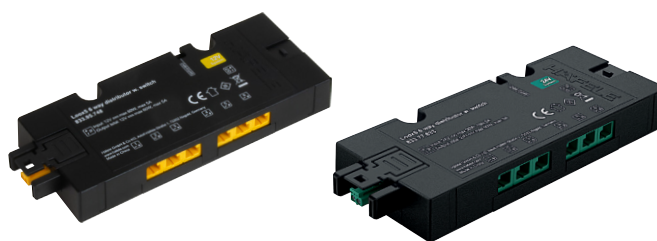
Box to box, without switching function



- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Number of connections: 1 x input port with box to box plug
1 x output port with box to box socket
6 x output ports
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.747
24 V	90 W	833.77.832

Box to box, with switching function for 1 switch



1 switch controls
all output ports

- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Number of connections: 1 x input port with box to box plug
1 x output port with box to box socket
1 x input port switch socket
6 x output ports
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

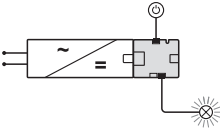
Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.748
24 V	90 W	833.77.833

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

2-WAY
DISTRIBUTORS

Box to box, with switching function for 1 switch



- > With switching function for 2 outputs
- > Box to box plug-in connection
- > The distributors can be connected to the driver via a box to box plug-in connection or with an extension lead; multiple distributors can be connected to the driver

- > L x W x H: 60 x 50 x 16 mm (2 3/8" x 2" x 5/8")
- > Number of connections: 1 x input port with box to box plug
1 x output port with box to box socket
1 x input port switch socket
2 x output ports
- > Material/Color: Plastic, black
- > Supplied with:
1 distributor
Mounting materials

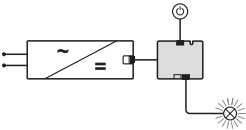
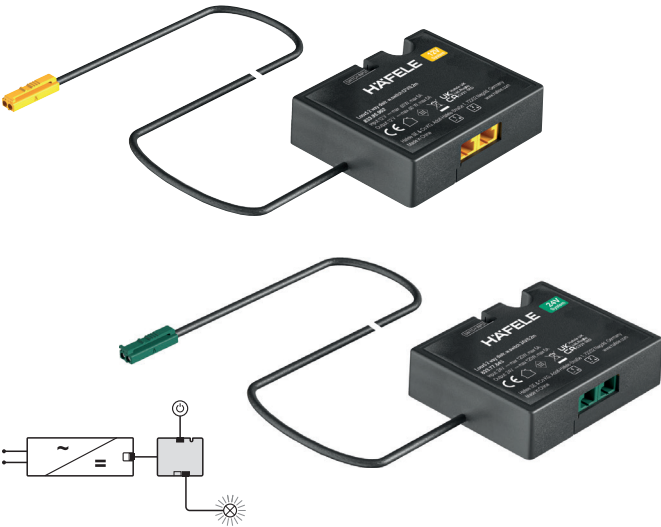
Voltage	Input ports	Wattage capacity	Item No.
12 V	1 x plug, 2-pin box to box	60 W	833.95.901
24 V	1 x plug, 2-pin box to box	90 W	833.77.843

Note the maximum output power of the driver.

12
V

24
V

With switching function for 1 switch, and integrated lead cable



- > With switching function for 2 outputs
- > L x W x H: 60 x 50 x 16 mm (2 3/8" x 2" x 5/8")
- > Number of connections: 1 x input cable with male plug
1 x input port switch socket
2 x output ports
- > Material/Color: Plastic, black
- > Supplied with:
1 distributor
200 mm (7 7/8") lead

Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.902
24 V	90 W	833.77.842

Note the maximum output power of the driver.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

6-WAY DISTRIBUTORS

MULTI-SWITCHING

Box to box, with 3 switch ports

12
V

24
V



Plug connection box to box

- > Multi-switching function for up to 3 switches, saving space and cost
- > 3 switching mode options
- > Permanent soft on/off function, regardless of the switch that is used

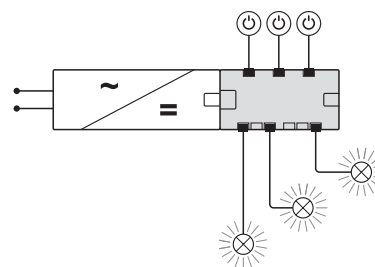
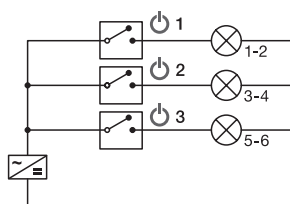
- > For switching on/off and dimming (0–100%)
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Number of connections: 1 x input port with box to box plug
1 x output port with box to box socket
3 x input switch sockets
6 x output ports
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.828
24 V	90 W	833.95.829

3 modes of operation

Parallel (red indicator light)

Switch 1 = controls outputs 1 and 2
Switch 2 = controls outputs 3 and 4
Switch 3 = controls outputs 5 and 6

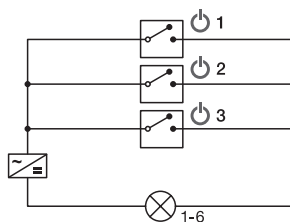


No cross (blue indicator light)

Any of the three switches can turn the lights on.
To turn lights off, all switches must be turned off.

Note

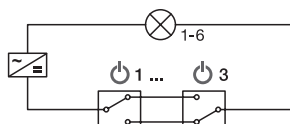
Dimmer switch cannot be used in no cross mode.



Scan for video instructions

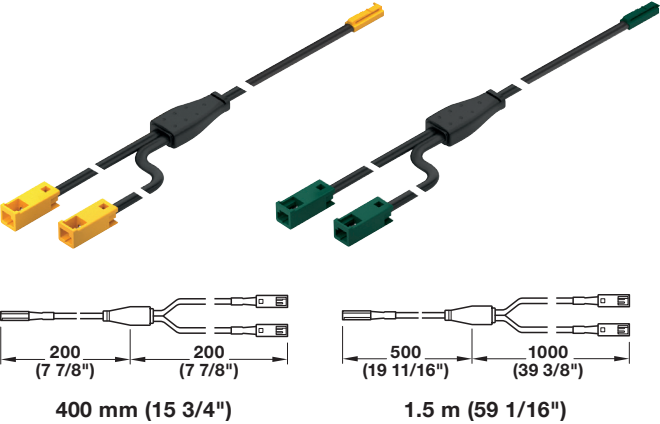
Cross (green indicator light)

Any of the 3 switches can turn on/off the lights.



CABLE DISTRIBUTORS

2-way splitter cable, 1 male plug, 2 female sockets



Length: 400 mm (15 3/4")

- > For monochrome lights
- > Current carrying capacity: Max. 5 A
- > Type of cable: 2-wire 18 AWG
- > Material/Color: Plastic, black
- > Supplied with: 1 lead, plug/2 sockets

Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.874
24 V	90 W	833.95.884

Length: 1.5 m (59 1/16")

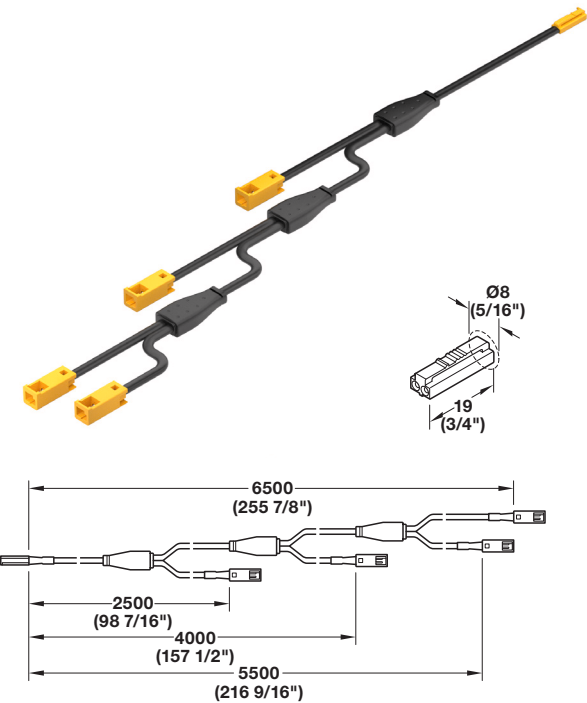
- > Material/Color: Plastic, black
- > Supplied with: 1 lead, plug/2 sockets

Voltage	Wattage capacity	Item No.
12 V	60 W	833.93.737
24 V	90 W	833.75.744

12
V

24
V

4-way, 1 male plug, 4 female sockets



Length: 6.5 m (255 7/8")

- > For monochrome lights
- > Current carrying capacity: Max. 5 A
- > Type of cable: 2-wire 18 AWG
- > Drill hole Ø: Plug 8 mm (5/16")
- > Supplied with: 1 extension lead, plug/4 sockets

Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.742
24 V	90 W	833.95.743

Maximum lead length from the driver to the device is 10 m (393 11/16"). Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable. These lead to visible loss of brightness in the lights.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

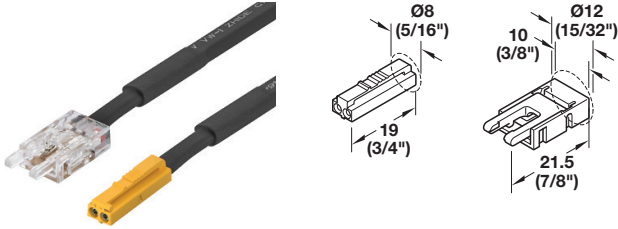


12
V

LEADS AND CONNECTORS FOR COB GOLD STRIP LIGHTS

2-wire

Leads



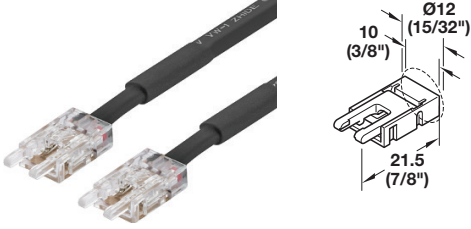
- > For use with COB monochrome and COB tunable white 2-wire LED strip lights
- > Voltage: 12 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Plug 8 mm (5/16"), Clip: 12 mm (15/32")
- > Supplied with: 1 lead, plug/clip

Length	Item No.
100 (4")	833.74.694
500 mm (19 11/16")	833.74.695
2 m (78 3/4")	833.74.696

Note

Can also be used with 12 V COB complete remnant pieces.

Interconnecting leads



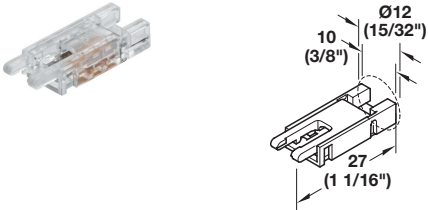
- > For use with COB monochrome and COB tunable white 2-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (15/32")
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.75.765
2 m (78 3/4")	833.75.766

Note

Can also be used with COB complete remnant pieces.

Clip connector



- > For use with COB monochrome and COB tunable white 2-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (15/32")
- > Supplied with: 10 pcs.

Item No.
833.75.767

Note

Can also be used with COB complete remnant pieces.

Corner connector, 90°



- > Corner connector, 90°
- > Voltage: 12 V or 24 V
- > Width: 17 mm (11/16")
- > Length: 17 mm (11/16")
- > Clip width: 10 mm (3/8")
- > Supplied with: 10 pcs.

Item No.
833.89.318

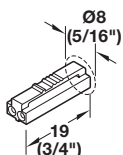
For use with 8 mm (5/16") COB monochrome and COB tunable white 2-wire LED strip lights. Can also be used with COB Complete remnant pieces.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

LEADS AND CONNECTORS

FOR 8 MM (5/16") STRIP LIGHTS

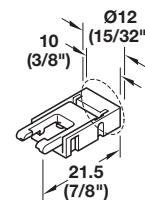
Leads



- > For use with 8 mm (5/16") monochrome and tunable white 2-wire LED strip lights
- > Voltage: 12 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Plug 8 mm (5/16"), Clip: 12 mm (15/32")
- > Supplied with: 1 lead, plug/clip

Length	Item No.
100 mm (4")	833.93.736
500 mm (19 11/16")	833.95.701
2 m (78 3/4")	833.95.700

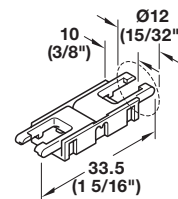
Interconnecting leads



- > For use with 8 mm (5/16") monochrome and tunable white 2-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (15/32")
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.89.191
500 mm (19 11/16")	833.89.192
2 m (78 3/4")	833.89.193

Clip connector



- > For use with 8 mm (5/16") monochrome and tunable white 2-wire LED strip lights
- > Voltage: 12 V
- > Cable type: 2-wire 18 AWG with female socket
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Socket 13 mm (1/2"), Clip: 12 mm (15/32")
- > Supplied with: 1 lead, socket/clip

Length	Item No.
100 mm (4")	833.93.746

- > For use with 8 mm (5/16") monochrome and tunable white 2-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (15/32")
- > Supplied with: 10 pcs.

Item No.
833.89.206

Corner connector, 90°



- > For use with 8 mm (5/16") monochrome and tunable white 2-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 5 A
- > L X W: 24 X 24 mm (15/16 X 15/16")
- > Supplied with: 10 pcs.

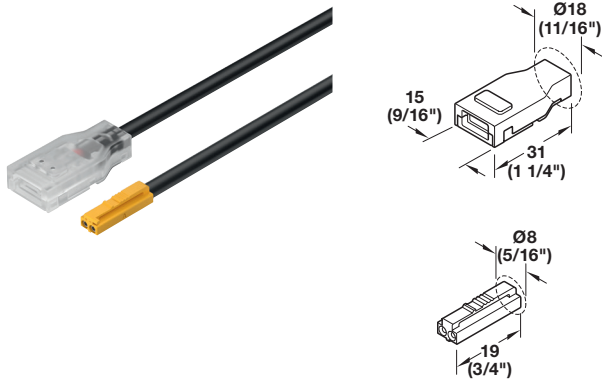
Item No.
833.89.187

12
V

LEADS AND CONNECTORS FOR IP44 SILICONE STRIP LIGHTS

2-wire

IP44 lead

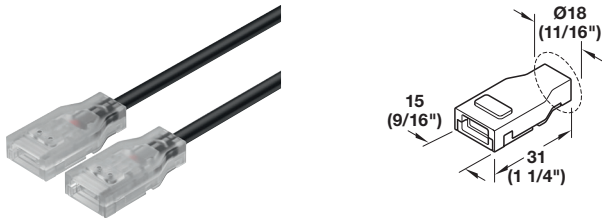


- > For use with silicone monochrome and tunable white 2-wire LED strip lights
- > Voltage: 12 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Width: Clip with silicone clip cover 15 mm (9/16")
- > Drill hole Ø: Plug 8 mm (5/16"), Clip: 18 mm (11/16")
- > Supplied with: 1 lead, plug/clip/silicone clip covers

Item No.
833.95.703

Note
If IP44 protection is not required, the leads and clips on page 261 can also be used with 8 mm (5/16") monochrome and tunable white 2-wire silicone LED strip lights.

IP44 interconnecting leads

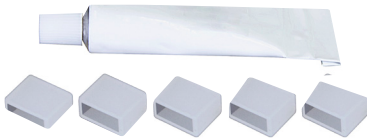


- > For use with silicone monochrome and tunable white 2-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Width: Clip with silicone clip cover 15 mm (9/16")
- > Drill hole Ø: Clip 8 mm (5/16"), Clip: 18 mm (11/16")
- > Supplied with: 1 lead, clip/clip/silicone clip covers

Length	Item No.
50 mm (2")	833.89.203
500 mm (19 11/16")	833.89.204
2 m (78 3/4")	833.89.205

Note
If IP44 protection is not required, the leads and clips on page 261 can also be used with 8 mm (5/16") monochrome and tunable white 2-wire silicone LED strip lights.

Silicone end caps with silicone adhesive



- > End cap set with adhesive
- > For sealing the shortened silicone sleeve LED strips to maintain IP protection
- > Supplied with: 5 pcs. with 5 ml silicone adhesive

Item No.
833.89.184

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



LEADS AND CONNECTORS

FOR 5 MM (3/16") MONOCHROME STRIP LIGHTS

**12
V**

Leads



- > For use with 5 mm (3/16") monochrome LED strip lights
- > Voltage: 12 V
- > Cable type: 2-wire 20 AWG
- > Current carrying capacity: 3.5 A
- > Width: Clip 7 mm (1/4")
- > Drill hole Ø: Plug 8 mm (5/16"), Clip: 10 mm (3/8")
- > Supplied with: 1 lead, plug/clip

Length	Item No.
100 mm (4")	833.93.740
2 m (78 3/4")	833.95.705

Interconnecting leads



- > For use with 5 mm (3/16") monochrome LED strip lights
- > Voltage: 12 V or 24 V
- > Cable type: 2-wire 20 AWG
- > Current carrying capacity: 1.5 A
- > Width: Clip 7 mm (1/4")
- > Drill hole Ø: Clip 10 mm (3/8")
- > Supplied with: 1 lead, clip/clip

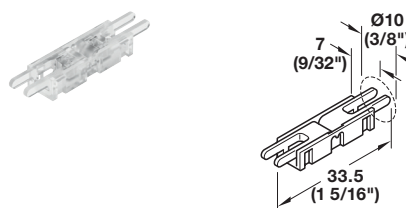
Length	Item No.
50 mm (2")	833.89.194
500 mm (19 11/16")	833.89.195
2 m (78 3/4")	833.89.196



- > For use with 5 mm (3/16") monochrome LED strip lights
- > Voltage: 12 V
- > Cable type: 2-wire 20 AWG with female socket
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Socket 13 mm (1/2")
- > Supplied with: 1 lead, socket/clip

Length	Item No.
100 mm (4")	833.93.744

Clip connector



- > For use with 5 mm (3/16") monochrome LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 3.5 A
- > Width: Clip 7 mm (1/4")
- > Drill hole Ø: Clip 10 mm (3/8")
- > Supplied with: 10 pcs.

Item No.
833.89.207

Corner connector, 90°



- > For use with 5 mm (3/16") monochrome LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 3.5 A
- > L X W: 21 X 21 mm (13/16" X 13/16")
- > Supplied with: 10 pcs.

Item No.
833.89.190

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12
V

LEADS AND CONNECTORS

FOR 8 MM (5/16") TUNABLE WHITE 3-WIRE STRIP LIGHTS

3-wire

Leads



- > For use with tunable white 3-wire LED strip lights
- > Voltage: 12 V
- > Cable type: 3-wire 20 AWG
- > Current carrying capacity: 3.5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Plug 9 mm (11/32"), Clip: 12 mm (15/32")
- > Supplied with: 1 lead, plug/clip

Length	Item No.
100 mm (4")	833.93.742
2 m (78 3/4")	833.95.702

Interconnecting leads



- > For use with tunable white 3-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Cable type: 3-wire 20 AWG
- > Current carrying capacity: 3.5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (15/32")
- > Supplied with: 1 lead, clip/clip

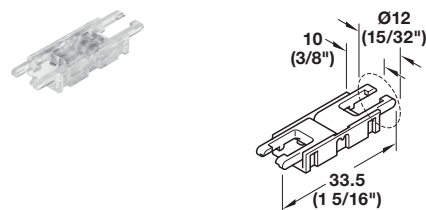
Length	Item No.
50 mm (2")	833.89.197
500 mm (19 11/16")	833.89.198
2 m (78 3/4")	833.89.199



- > For use with tunable white 3-wire LED strip lights
- > Voltage: 12 V
- > Cable type: 3-wire 20 AWG with female socket
- > Current carrying capacity: 3.5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Socket 13 mm (1/2"), Clip: 12 mm (15/32")
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.93.717

Clip connector



- > For use with tunable white 3-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 3.5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (15/32")
- > Supplied with: 10 pcs.

Item No.
833.89.208

Corner connector, 90°



- > For use with tunable white 3-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 3.5 A
- > L x W: 24 x 24 mm (15/16" x 15/16")
- > Supplied with: 10 pcs.

Item No.
833.89.188

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

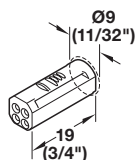


LEADS AND CONNECTORS

FOR 10 MM (3/8") RGB STRIP LIGHTS

12
V

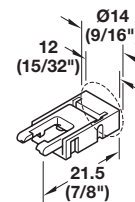
Leads



- > For use with RGB LED strip lights
- > Voltage: 12 V
- > Cable type: 4-wire 20 AWG
- > Current carrying capacity: 3.5 A
- > Width: Clip 12 mm (15/32")
- > Drill hole Ø: Plug 9 mm (11/32")
- > Supplied with: 1 lead, plug/clip

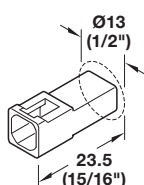
Length	Item No.
100 mm (4")	833.93.713
2 m (78 3/4")	833.95.704

Interconnecting leads



- > For use with RGB LED strip lights
- > Voltage: 12 V or 24 V
- > Cable type: 3-wire 20 AWG
- > Current carrying capacity: 3.5 A
- > Width: Clip 12 mm (15/32")
- > Drill hole Ø: Clip 14 mm (9/16")
- > Supplied with: 1 lead, clip/clip

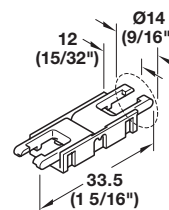
Length	Item No.
50 mm (2")	833.89.200
500 mm (19 11/16")	833.89.201
2 m (78 3/4")	833.89.202



- > For use with RGB LED strip lights
- > Voltage: 12 V
- > Cable type: 4-wire 20 AWG with female socket
- > Current carrying capacity: 3.5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Socket 13 mm (1/2")
- > Supplied with: 1 lead, plug/clip

Length	Item No.
100 mm (4")	833.93.719

Clip connector



- > For use with RGB LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 3.5 A
- > Width: Clip 12 mm (15/32")
- > Drill hole Ø: Clip 14 mm (9/16")
- > Supplied with: 10 pcs.

Item No.
833.89.209

Corner connector, 90°



- > For use with RGB LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 3.5 A
- > L x W: 26 x 26 mm (1" x 1")
- > Supplied with: 10 pcs.

Item No.
833.89.189

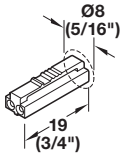
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12
V

MODULAR LEADS FOR MONOCHROME AND TUNABLE WHITE 2-WIRE



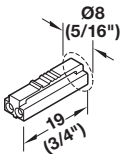
Modular leads, 24 AWG, 1.5 A



- > For use with modular monochrome and tunable 2-wire puck lights
- > Voltage: 12 V
- > Cable type: 2-wire 24 AWG
- > Current carrying capacity: 1.5 A
- > Drill hole Ø: Plug 8 mm (5/16")
- > Supplied with: 1 lead, plug/snap-in connector

Length	Item No.
1 m (39 3/8")	833.95.789
2 m (78 3/4")	833.95.788

Modular leads, 18 AWG, 5 A



- > For use with wireless adjustable shelf light, inline profile switches and 2034 flexible light
- > Voltage: 12 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Drill hole Ø: Plug 8 mm (5/16")
- > Supplied with: 1 lead, plug/snap-in connector

Length	Item No.
1 m (39 3/8")	833.95.831
2 m (78 3/4")	833.95.830

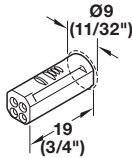
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

MODULAR LEAD FOR TUNABLE WHITE 3-WIRE



12
V

Modular lead, 24 AWG, 1.5 A



- > For use with tunable white 3-wire modular puck lights
- > Voltage: 12 V
- > Cable type: 3-wire 24 AWG
- > Current carrying capacity: 1.5 A
- > Drill hole Ø: Plug 9 mm (11/32")
- > Supplied with: 1 lead, plug/snap-in connector

Length	Item No.
2 m (78 3/4")	833.95.787

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

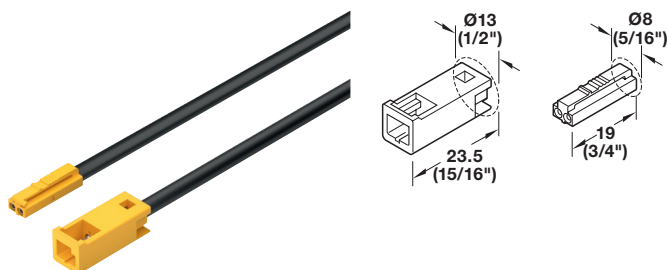
12
V

EXTENSION LEADS

FOR MONOCHROME AND TUNABLE WHITE 2-WIRE


2-wire

Extension leads



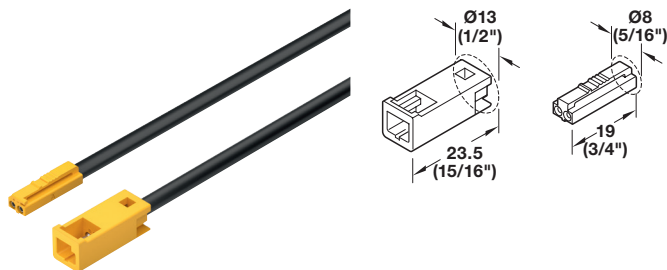
- > For use with monochrome and tunable white 2-wire devices and distributors
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Drill hole Ø: Plug 8 mm (5/16"); Socket 13 mm (1/2")
- > Supplied with: 1 extension lead, plug/socket

200 mm (7 7/8")	300 mm (11 13/16")	500 mm (19 11/16")	600 mm (23 5/8")	750 mm (29 1/2")	1 m (39 3/8")	2 m (78 3/4")
833.95.911	833.95.912	833.95.712	833.95.914	833.95.915	833.95.713	833.95.714

Note

Maximum lead length from the driver to the device is 10 m (393 11/16").
Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable, leading to visible loss of brightness in the lights.

Extension leads, CL3R, for in-wall installation



- > Cable assemblies designed to be routed behind the drywall

Meets the following codes for wire and cable locations:

- > NEC article 411 Lighting systems operating at 30 V or less attached to Class 2 power
- > NEC article 725.135 Installation of Class 2 cable
- > NEC article 411.5 Specific Location Requirements

- > For use with monochrome and tunable white 2-wire devices and distributors
- > Cable type: 18 AWG CL3R
- > Current carrying capacity: 5 A
- > Drill hole Ø: Plug 8 mm (5/16"); Socket 13 mm (1/2")
- > Supplied with: 1 extension lead, plug/socket

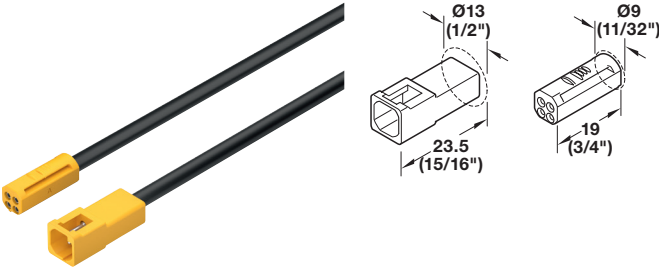
500 mm (19 11/16")	1 m (39 3/8")	2 m (78 3/4")	3 m (118 1/8")	5 m (196 7/8")	10 m (393 3/4")
833.93.725	833.93.724	833.93.723	833.95.871	833.95.872	833.95.873

EXTENSION LEADS FOR TUNABLE WHITE 3-WIRE



12
V

Extension leads



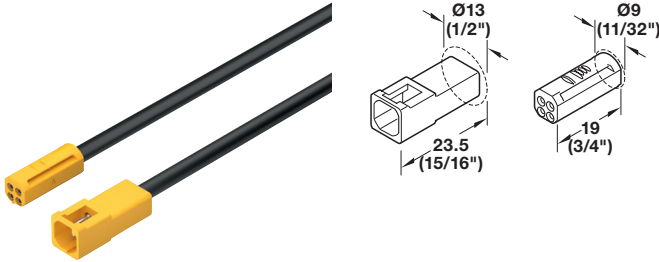
- > For use with tunable white 3-wire lights
- > Cable type: 3-wire 20 AWG
- > Current carrying capacity: 3.5 A
- > Drill hole Ø: Plug 9 mm (11/32"); Socket 13 mm (1/2")
- > Supplied with:
 - 1 extension lead
 - 1 plug/1 socket

200 mm (7 7/8")	300 mm (11 13/16")	600 mm (23 5/8")	750 mm (29 1/2")	1 m (39 3/8")	2 m (78 3/4")
833.95.931	833.95.933	833.95.935	833.95.936	833.95.937	833.95.715

Note

Maximum lead length from the driver to the device is 10 m (393 11/16").
Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable, leading to visible loss of brightness in the lights.

Extension lead, CL3R, for in-wall installation



- > Cable assemblies designed to be routed behind the drywall

Meets the following codes for wire and cable locations:

- > NEC article 411 Lighting systems operating at 30 V or less attached to Class 2 power
- > NEC article 725.135 Installation of Class 2 cable
- > NEC article 411.5 Specific Location Requirements

- > For use with tunable white 3-wire lights
- > Cable type: 3-wire 20 AWG CL3R
- > Current carrying capacity: 3.5 A
- > Drill hole Ø: Plug 9 mm (11/32"); Socket 13 mm (1/2")
- > Supplied with:
 - 1 lead
 - 1 plug/1 socket

Length	Item No.
2 m (78 3/4")	833.93.731

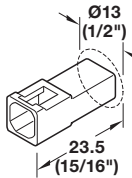
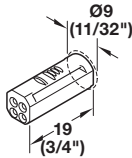
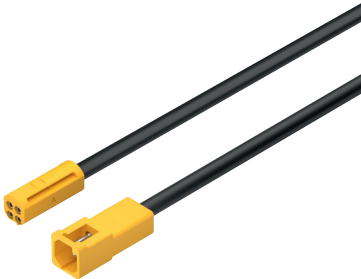
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



12
V

EXTENSION LEADS FOR RGB

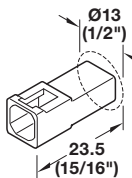
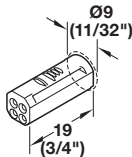
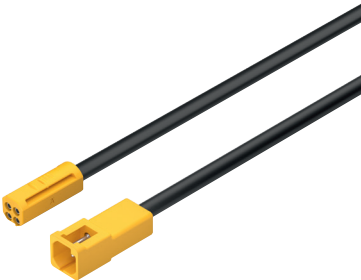
Extension lead



- > For use with RGB lights
- > Voltage: 12 V
- > Cable type: 4-wire 20 AWG
- > Current carrying capacity: 3.5 A
- > Drill hole Ø: Plug 9 mm (11/32"); Socket 13 mm (1/2")
- > Supplied with: 1 extension lead, plug/socket

Length	Item No.
2 m (78 3/4")	833.95.716

Extension lead, CL3R, for in-wall installation



- > Cable assemblies designed to be routed behind the drywall

Meets the following codes for wire and cable locations:

- > NEC article 411 Lighting systems operating at 30 V or less attached to Class 2 power
- > NEC article 725.135 Installation of Class 2 cable
- > NEC article 411.5 Specific Location Requirements

- > For use with RGB lights
- > Voltage: 12 V
- > Cable type: 4-wire 20 AWG CL3R
- > Current carrying capacity: 3.5 A
- > Drill hole Ø: Plug 9 mm (11/32"); Socket 13 mm (1/2")
- > Supplied with: 1 extension lead, plug/socket

Length	Item No.
2 m (78 3/4")	833.93.732

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW



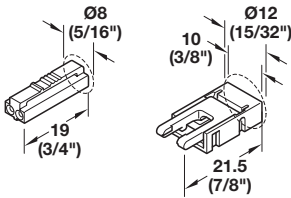
LEADS AND CONNECTORS

FOR COB GOLD STRIP LIGHTS

2-wire

24
V

Leads

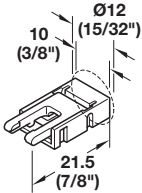


- > For use with COB monochrome and COB tunable white 2-wire LED strip lights
- > Voltage: 24 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Plug 8 mm (5/16"), Clip: 12 mm (15/32")
- > Supplied with: 1 lead, plug/1 clip

Length	Item No.
100 mm (4")	833.75.762
500 mm (19 11/16")	833.75.763
2 m (78 3/4")	833.75.764

Note
Can also be used with 24 V COB Complete remnant pieces.

Interconnecting leads

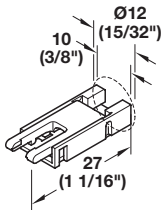


- > For use with COB monochrome and COB tunable white 2-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (15/32")
- > Supplied with: 1 lead, clip/clip

Length	Item No.
50 mm (2")	833.75.765
2 m (78 3/4")	833.75.766

Note
Can also be used with COB Complete remnant pieces.

Clip connector



- > For use with COB monochrome and COB tunable white 2-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (15/32")
- > Supplied with: 10 pcs.

Item No.
833.75.767

Note
Can also be used with COB Complete remnant pieces.

Corner connector, 90°



- > Corner connector, 90°
- > Voltage: 12 V or 24 V
- > Width: 17 mm (11/16")
- > Length: 17 mm (11/16")
- > Clip width: 10 mm (3/8")
- > Supplied with: 10 pcs.

Item No.
833.89.318

For use with 8 mm (5/16") COB monochrome and COB tunable white 2-wire LED strip lights. Can also be used with COB Complete remnant pieces.

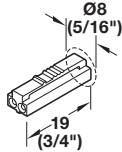
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

LEADS AND CONNECTORS FOR 8 MM (5/16") STRIP LIGHTS

2-wire

24
V

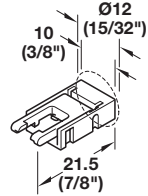
Leads



- > For use with 8 mm (5/16") monochrome and tunable white 2-wire LED strip lights
- > Voltage: 24 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Plug 8 mm (5/16"), Clip: 12 mm (3/8")
- > Supplied with: 1 lead, plug/clip

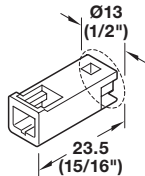
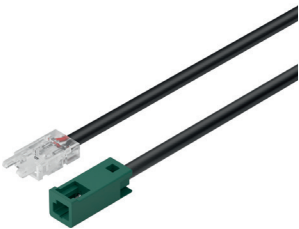
Length	Item No.
100 mm (4")	833.75.743
500 mm (19 11/16")	833.95.707
2 m (78 3/4")	833.95.706

Interconnecting leads



- > For use with 8 mm (5/16") monochrome and tunable white 2-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (15/32")
- > Supplied with: 1 lead, clip/clip

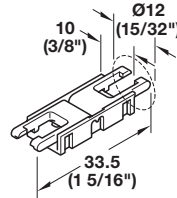
Length	Item No.
50 mm (2")	833.89.191
500 mm (19 11/16")	833.89.192
2 m (78 3/4")	833.89.193



- > For use with 8 mm (5/16") monochrome and tunable white 2-wire LED strip lights
- > Voltage: 24 V
- > Cable type: 2-wire 18 AWG with female socket
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Socket 13 mm (1/2")
- > Supplied with: 1 lead, socket/clip

Length	Item No.
100 mm (4")	833.93.747

Clip connector



- > For use with 8 mm (5/16") monochrome and tunable white 2-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (15/32")
- > Supplied with: 10 pcs.

Item No.
833.89.206

Corner connector, 90°



- > For use with 8 mm (5/16") monochrome and tunable white 2-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 5 A
- > L X W: 24 X 24 mm (15/16" X 15/16")
- > Supplied with: 10 pcs.

Item No.
833.89.187

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



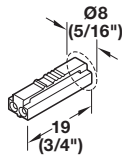
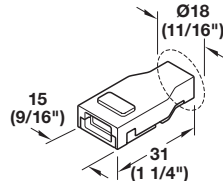
LEADS AND CONNECTORS

FOR IP44 SILICONE STRIP LIGHTS



24
V

IP44 lead



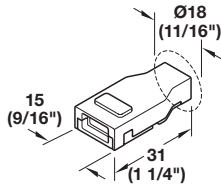
- > For use with silicone monochrome and tunable white 2-wire LED strip lights
- > Voltage: 24 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Width: Clip with silicone covers 15 mm (9/16")
- > Drill hole Ø: Plug 8 mm (5/16"), Clip: 18 mm (11/16")
- > Supplied with: 1 lead, plug/clip/silicone clip cover

	Item No.
	833.95.709

Note

If IP44 protection is not required, the leads and clips on page 272 can also be used with 8 mm (5/16") monochrome and tunable white 2-wire silicone LED strip lights.

IP44 interconnecting leads



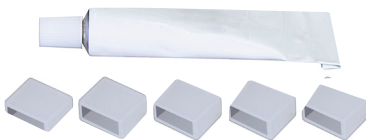
- > For use with silicone monochrome and tunable white 2-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Width: Clip with silicone cover 15 mm (9/16")
- > Drill hole Ø: Clip 10 mm (3/8")
- > Supplied with: 1 lead, clip/clip/silicone clip covers

Length	Item No.
50 mm (2")	833.89.203
500 mm (19 11/16")	833.89.204
2 m (78 3/4")	833.89.205

Note

If IP44 protection is not required, the leads and clips on page 272 can also be used with 8 mm (5/16") monochrome and tunable white 2-wire silicone LED strip lights.

Silicone end caps with silicone adhesive



- > End cap set with adhesive
- > For sealing the shortened silicone sleeve LED strips to maintain IP protection
- > Supplied with: 5 pcs. with 5 ml silicone adhesive

	Item No.
	833.89.184

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

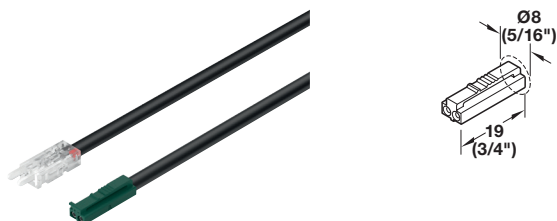


LEADS AND CONNECTORS

FOR 5 MM (3/16") MONOCHROME STRIP LIGHTS

24
V

Leads



- > For use with 5 mm (3/16") monochrome LED strip lights
- > Voltage: 24 V
- > Cable type: 2-wire 20 AWG
- > Current carrying capacity: 3.5 A
- > Width: Clip 7 mm (1/4")
- > Drill hole Ø: Plug 8 mm (5/16"), Clip: 10 mm (3/8")
- > Supplied with: 1 lead, plug/clip

Length	Item No.
100 mm (4")	833.93.741
2 m (78 3/4")	833.95.711

Interconnecting leads



- > For use with 5 mm (3/16") monochrome LED strip lights
- > Voltage: 12 V or 24 V
- > Cable type: 2-wire 20 AWG
- > Current carrying capacity: 1.5 A
- > Width: Clip 7 mm (1/4")
- > Drill hole Ø: Clip 10 mm (3/8")
- > Supplied with: 1 lead, clip/clip

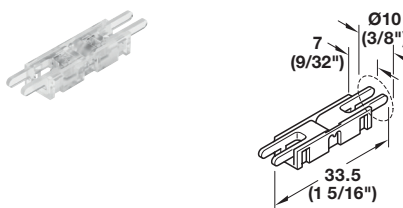
Length	Item No.
50 mm (2")	833.89.194
500 mm (19 11/16")	833.89.195
2 m (78 3/4")	833.89.196



- > For use with 5 mm (3/16") monochrome LED strip lights
- > Voltage: 24 V
- > Cable type: 2-wire 20 AWG with female socket
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Socket 13 mm (1/2")
- > Supplied with: 1 lead, socket/clip

Length	Item No.
100 mm (4")	833.93.745

Clip connector



- > For use with 5 mm (3/16") monochrome LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 3.5 A
- > Width: Clip 7 mm (1/4")
- > Drill hole Ø: Clip 10 mm (3/8")
- > Supplied with: 10 pcs.

Item No.
833.89.207

Corner connector, 90°



- > For use with 5 mm (3/16") monochrome LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 3.5 A
- > L X W: 21 X 21 mm (13/16" X 13/16")
- > Supplied with: 10 pcs.

Item No.
833.89.190

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

LEADS AND CONNECTORS

FOR TUNABLE WHITE 3-WIRE STRIP LIGHTS

24
V

Leads



- > For use with tunable white 3-wire LED strip lights
- > Voltage: 24 V
- > Cable type: 3-wire 20 AWG
- > Current carrying capacity: 3.5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Plug 9 mm (11/32"), Clip: 12 mm (15/32")
- > Supplied with: 1 lead, plug/clip

Length	Item No.
100 mm (4")	833.93.743
2 m (78 3/4")	833.95.708

Interconnecting leads



- > For use with tunable white 3-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Cable type: 3-wire 20 AWG
- > Current carrying capacity: 3.5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (15/32")
- > Supplied with: 1 lead, clip/clip

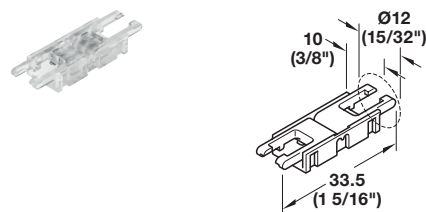
Length	Item No.
50 mm (2")	833.89.197
500 mm (19 11/16")	833.89.198
2 m (78 3/4")	833.89.199



- > For use with tunable white 3-wire LED strip lights
- > Voltage: 24 V
- > Cable type: 3-wire 20 AWG with female socket
- > Current carrying capacity: 3.5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Socket 13 mm (1/2"), Clip: 12 mm (15/32")
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.75.751

Clip connector



- > For use with tunable white 3-wire LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 3.5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (15/32")
- > Supplied with: 10 pcs.

Item No.
833.89.208

Corner connector, 90°



- > Current carrying capacity: 3.5 A
- > Voltage: 12 V or 24 V
- > L x W: 24 x 24 mm (15/16" x 15/16")
- > Supplied with: 10 pcs.

Item No.
833.89.188

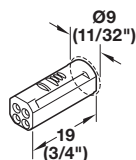


LEADS AND CONNECTORS

FOR 10 MM (3/8") RGB STRIP LIGHTS

24
V

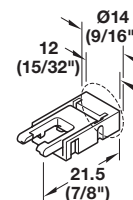
Lead



- > For use with RGB LED strip lights
- > Voltage: 24 V
- > Cable type: 4-wire 20 AWG
- > Current carrying capacity: 3.5 A
- > Width: Clip 12 mm (15/32")
- > Drill hole Ø: Plug 9 mm (11/32"); Clip: 14 mm (9/16")
- > Supplied with: 1 lead, plug/clip

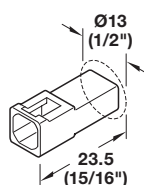
Length	Item No.
100 mm (4")	833.75.749
2 m (78 3/4")	833.95.710

Interconnecting lead



- > For use with RGB LED strip lights
- > Voltage: 12 V or 24 V
- > Cable type: 3-wire 20 AWG
- > Current carrying capacity: 3.5 A
- > Width: Clip 12 mm (15/32")
- > Drill hole Ø: Clip 14 mm (9/16")
- > Supplied with: 1 lead, clip/clip

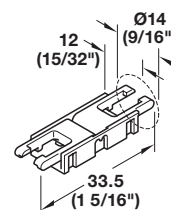
Length	Item No.
50 mm (2")	833.89.200
500 mm (19 11/16")	833.89.201
2 m (78 3/4")	833.89.202



- > For use with RGB LED strip lights
- > Voltage: 24 V
- > Cable type: 4-wire 20 AWG with female socket
- > Current carrying capacity: 3.5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Socket 13 mm (1/2")
- > Supplied with: 1 lead, clip/socket

Length	Item No.
100 mm (4")	833.75.752

Clip connector



- > For use with RGB LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 3.5 A
- > Width: Clip 12 mm (15/32")
- > Drill hole Ø: Clip 14 mm (9/16")
- > Supplied with: 10 pcs.

Item No.
833.89.209

Corner connector, 90°



- > For use with RGB LED strip lights
- > Voltage: 12 V or 24 V
- > Current carrying capacity: 3.5 A
- > L x W: 26 x 26 mm (1" x 1")
- > Supplied with: 10 pcs.

Item No.
833.89.189

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



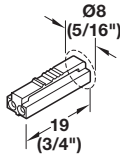
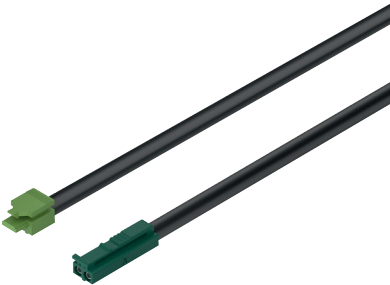
MODULAR LEADS

FOR MONOCHROME AND TUNABLE WHITE 2-WIRE



24
V

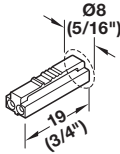
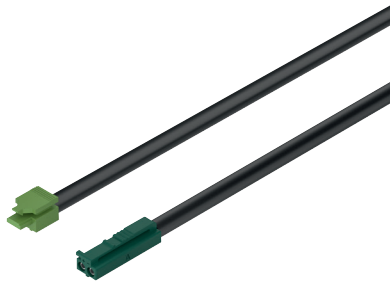
Modular lead, 24 AWG, 1.5 A



- > For use with monochrome and tunable white 2-wire modular puck lights
- > Voltage: 24 V
- > Cable type: 2-wire 24 AWG
- > Current carrying capacity: 1.5 A
- > Drill hole Ø: Plug 8 mm (5/16")
- > Supplied with: 1 lead, plug/snap-in connector

Length	Item No.
2 m (78 3/4")	833.95.791

Modular leads, 18 AWG, 5 A



- > For use with wireless adjustable shelf light, inline profile switches and 3034 flexible light
- > Voltage: 24 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Drill hole Ø: Plug 8 mm (5/16")
- > Push fits into aluminum profile
- > Supplied with: 1 lead, plug/snap-in connector

Length	Item No.
1 m (39 3/8")	833.95.836
2 m (78 3/4")	833.95.835

Note
18 AWG modular leads also can be used with monochrome and tunable white 2-wire puck lights.

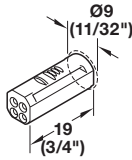
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

MODULAR LEAD FOR TUNABLE WHITE 3-WIRE



24
V

Modular lead, 24 AWG, 1.5 A



- > For use with tunable white 3-wire modular puck lights
- > Voltage: 24 V
- > Cable type: 3-wire 24 AWG
- > Current carrying capacity: 1.5 A
- > Drill hole Ø: Plug 9 mm (7/8")
- > Supplied with: 1 lead, plug/snap-in connector

Length	Item No.
2 m (78 3/4")	833.95.790

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



2

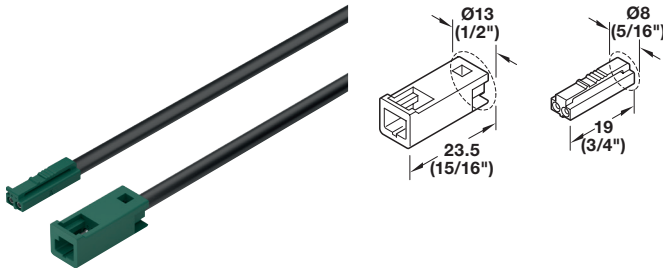
EXTENSION LEADS

FOR MONOCHROME AND TUNABLE WHITE 2-WIRE

2-wire

**24
V**

Extension leads



- > For use with monochrome lights and tunable white 2-wire devices and distributors
- > Voltage: 24 V
- > Cable type: 2-wire 18 AWG
- > Current carrying capacity: 5 A
- > Drill hole Ø: Plug 8 mm (5/16"); Socket 13 mm (1/2")
- > Supplied with: 1 extension lead, plug/socket

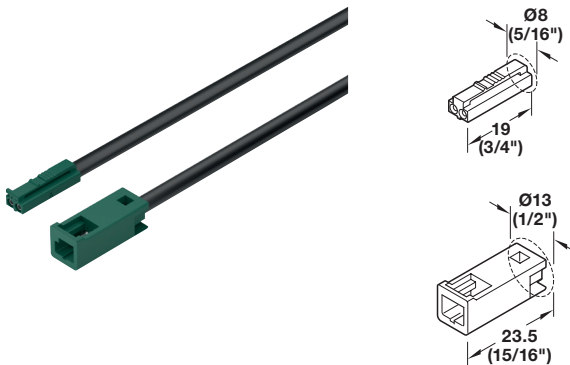
200 mm (7 7/8")	300 mm (11 13/16")	500 mm (19 11/16")	600 mm (23 5/8")	750 mm (29 1/2")	1 m (39 3/8")	2 m (78 3/4")
833.95.921	833.95.922	833.95.719	833.95.924	833.95.925	833.95.718	833.95.717

Note

Maximum lead length from the driver to the device is 10 m (393 11/16").

Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable, leading to visible loss of brightness in the lights.

Extension leads, CL3R, for in-wall installation



- > Cable assemblies designed to be routed behind the drywall

Meets the following codes for wire and cable locations:

- > NEC article 411 Lighting systems operating at 30 V or less attached to Class 2 power
- > NEC article 725.135 Installation of Class 2 cable
- > NEC article 411.5 Specific Location Requirements

- > For use with monochrome lights and tunable white 2-wire devices and distributors
- > Voltage: 24 V
- > Cable type: 18 AWG CL3R
- > Current carrying capacity: 5 A
- > Drill hole Ø: Plug 8 mm (5/16"); Socket 13 mm (1/2")
- > Supplied with: 1 extension lead, plug/socket

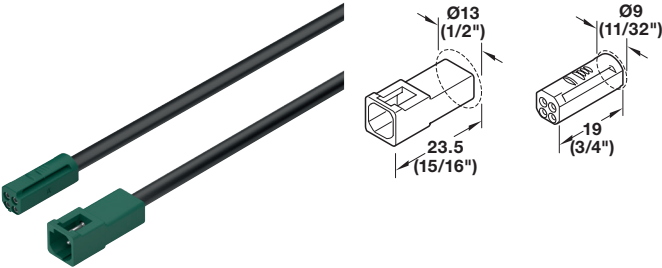
500 mm (19 11/16")	1 m (39 3/8")	2 m (78 3/4")	3 m (118 1/8")	5 m (196 7/8")	10 m (393 3/4")
833.75.756	833.75.755	833.75.754	833.95.881	833.95.882	833.95.883

EXTENSION LEADS FOR TUNABLE WHITE 3-WIRE



24
V

Extension leads



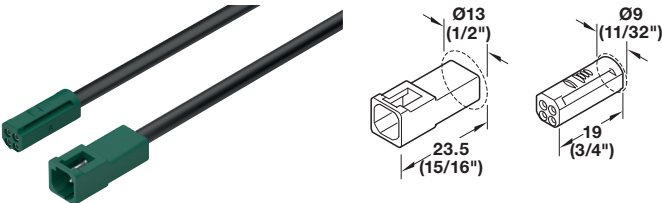
- > For use with tunable white 3-wire lights
- > Voltage: 24 V
- > Cable type: 3-wire 20 AWG
- > Current carrying capacity: 3.5 A
- > Drill hole Ø: Plug 9 mm (11/32"); Socket 13 mm (1/2")
- > Supplied with: 1 extension lead, plug/socket

200 mm (7 7/8")	300 mm (11 13/16")	500 mm (19 11/16")	600 mm (23 5/8")	750 mm (29 1/2")	1 m (39 3/8")	2 m (78 3/4")
833.95.792	833.95.793	833.95.794	833.95.795	833.95.897	833.95.796	833.95.720

Note

Maximum lead length from the driver to the device is 10 m (393 11/16"). Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable, leading to visible loss of brightness in the lights.

Extension lead, CL3R, for in-wall installation



- > Cable assemblies designed to be routed behind the drywall

Meets the following codes for wire and cable locations:

- > NEC article 411 Lighting systems operating at 30 V or less attached to Class 2 power
- > NEC article 725.135 Installation of Class 2 cable
- > NEC article 411.5 Specific Location Requirements

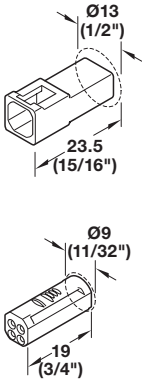
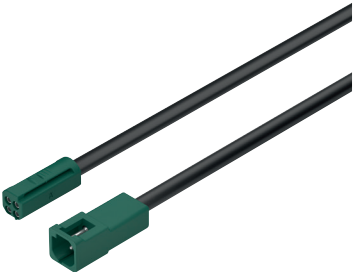
- > For use with tunable white 3-wire lights
- > Voltage: 24 V
- > Cable type: 3-wire 20 AWG CL3R
- > Current carrying capacity: 3.5 A
- > Drill hole Ø: Plug 9 mm (3/8"); Socket 13 mm (1/2")
- > Supplied with: 1 extension lead, plug/socket

Length	Item No.
2 m (78 3/4")	833.75.757



EXTENSION LEADS FOR RGB

Extension lead

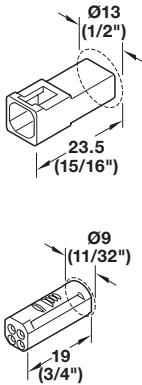
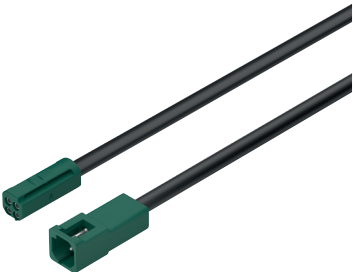


- > For RGB lights
- > Voltage: 24 V
- > Cable type: 4-wire 20 AWG
- > Current carrying capacity: 3.5 A
- > Drill hole Ø: Plug 9 mm (11/32"); Socket 13 mm (1/2")
- > Supplied with: 1 lead, plug/socket

Length	Item No.
2 m (78 3/4")	833.95.721

24
V

Extension lead, CL3R, for in-wall installation



- > Cable assemblies designed to be routed behind the drywall
- Meets the following codes for wire and cable locations:**
 - > NEC article 411 Lighting systems operating at 30 V or less attached to Class 2 power
 - > NEC article 725.135 Installation of Class 2 cable
 - > NEC article 411.5 Specific Location Requirements

- > For RGB lights
- > Voltage: 24 V
- > Cable type: 4-wire 20 AWG CL3R
- > Current carrying capacity: 3.5 A
- > Drill hole Ø: Plug 9 mm (11/32"); Socket 13 mm (1/2")
- > Supplied with: 1 lead, plug/socket

Length	Item No.
2 m (78 3/4")	833.75.758

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



DRIVERS

12 V AND 24 V



DRIVERS

12 V

Constant Voltage

20, 40 and 60 W page 284

4-Port Series Constant Voltage

20 and 40 W page 285

Wall Plug Drivers page 289

24 V

Constant Voltage

20, 40 and 90 W page 286

4-Port Series Constant Voltage

20 and 40 W page 287

Constant Voltage 270 W page 288

Power Cords

12 and 24 V page 290

Power Cords with Switches

12 and 24 V page 291

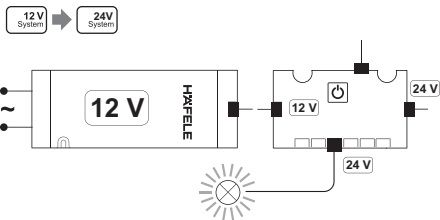
CONVERTER

12 V TO 24 V CONVERTER

For Connecting 12 V Drivers to 24 V devices

12
V

24
V



- > Allows use of 24 V Lights and components with a 12 V driver
- > Can be connected directly to the driver via the box-to-box connector or using a 12 V Extension Lead
- > Includes switching function for 6 output ports
- > Built-in overload and short-circuit protection
- > Special feature for RV applications, operates with voltage fluctuation from 11–14 V

- > Number of connections:
 - 1 x input port with box-to-box plug 12 V
 - 1 x output port with box-to-box socket Loox5 2-pin 24 V
 - 1 x input port switch socket
 - 6 x output ports Loox5 2-pin 24 V
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Input voltage	Output voltage	Item No.
12 V	24 V	833.77.846

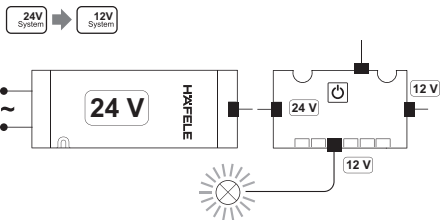
Note

Make sure the total wattage does not exceed the maximum connected load for the driver.

12 V driver wattage	Maximum 24 V output load
60 W	50 W
40 W	30 W
20 W	10 W

CONVERTER
24 V TO 12 V CONVERTER

For Connecting 24 V Drivers to 12 V devices



- > Allows use of 12 V lights and components with a 24 V driver
- > Can be connected directly to the driver via the box-to-box connector or using a 24 V Extension Lead
- > Includes switching function for 6 output ports
- > Built-in overload and short-circuit protection

- > Number of connections:
 - 1 x input port with box-to-box plug 24 V
 - 1 x output port with box-to-box socket Loox5 2-pin 12 V
 - 1 x input port switch socket
 - 6 x output ports Loox5 2-pin 12 V
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Material/Color: Plastic, black
- > Supplied with: 1 distributor

Input voltage	Output voltage	Item No.
24 V	12 V	833.77.847

Note
Make sure the total wattage does not exceed the maximum connected load for the driver.

24 V driver wattage	Maximum 12 V output load
90 W	50 W
40 W	30 W
20 W	10 W

12
V

24
V

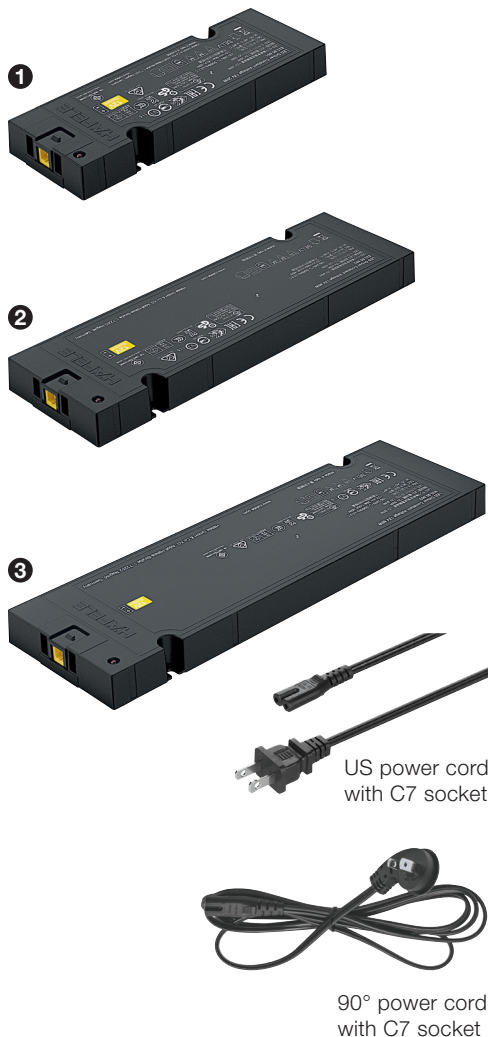
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12
V

DRIVERS

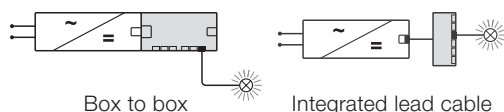
12 V

Constant voltage



Connection to Distributor

Drivers can connect directly to box to box distributors and distributors with integrated lead cables.



- > Extra slim
- > Overload protection

> With standard US power cord with C7 socket

- > Input voltage: 100–240 V~; 50–60 Hz
- > Output voltage: DC 12 V +/-3%
- > Degree of protection: IP20
- > Number of connections: 1 x socket
- > Lifetime: >50,000 hours
- > Safety: Class 2
- > Material/Color: Plastic, black
- > Supplied with:
 - 1 driver with mounting accessories
 - 1 2 m (78 3/4") US power cord with C7 socket

	Output power W	Output current A	Standby power consumpt. W	L x W x H (inches)	Item No.
1	20 W	1.67 A	≤0.07 W	140 x 50 x 16 (5 1/2" x 2" x 5/8")	833.95.000
2	40 W	3.33 A	≤0.12 W	191 x 60 x 16 (7 1/2" x 2 3/8" x 5/8")	833.95.002
3	60 W	5.00 A	≤0.14 W	230 x 70 x 16 (9 1/16" x 2 3/4" x 5/8")	833.95.003

> With 90° power cord with C7 socket

- > Supplied with:
 - 1 driver
 - 1 2 m (78 3/4") US power cord with 90° plug and C7 socket

	Wattage	Item No.
1	20 W	833.88.243
2	40 W	833.88.144
3	60 W	833.88.145

Ambient temperature -13 °F to +113 °F (60 W: +104 °F)
Ensure that there is sufficient air supply and circulation at the mounting location. The lifetime is doubled with an ambient temperature of <86 °F.

Maximum lead length from the driver to the device is 10 m (393 11/16"). Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable, leading to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver.

**12
V**

Figure 1 illustrates the connection of the power supply. It shows two steps: 1. Inserting the power supply unit into the rack. 2. Securing the power supply unit with a screw. A power cable is shown connected to the power supply unit, and a diagram indicates the connection to a power outlet.

2) Distributors with integrated lead cables can connect directly to one of the 4 output sockets.

- | | Output power
W | Output current
A | Standby power consumpt.
W | L x W x H | Item No. |
|---|-------------------|---------------------|------------------------------|---|------------|
| ❶ | 20 W | 1.67 A | ≤0.1 W | 138 x 50 x 16
(5 7/16" x 2" x 5/8") | 833.72.932 |
| ❷ | 40 W | 3.33 A | ≤0.1 W | 190 x 60 x 16
(7 1/2" x 2 3/8" x 5/8") | 833.72.934 |

For applications that require continuous operation, please use power supplies with a service life of 50,000 h. Maximum lead length from the driver to the device is 10 m (393 11/16"). Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable, leading to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver.

DRIVERS

24 V

24
V

Constant voltage



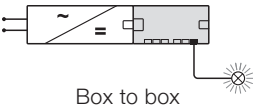
US power cord
with C7 socket



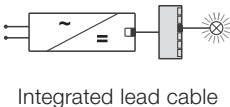
90° power cord
with C7 socket

Connection to Distributor

Drivers can connect directly to box to box distributors and distributors with integrated lead cables.



Box to box



Integrated lead cable

- > Extra slim
- > Overload protection

> With standard US power cord with C7 socket

- > Input voltage: 100–240 V~; 50–60 Hz
- > Output voltage: DC 24 V
- > Degree of protection: IP20
- > Number of connections: 1 x socket
- > Lifetime: >50,000 hours
- > Safety: Class 2
- > Material/Color: Plastic, black
- > Supplied with:
 - 1 driver with mounting accessories
 - 1 2 m (78 3/4") US power cord with C7 socket

	Output power W	Output current A	Standby power consumpt. W	L x W x H (inches)	Item No.
1	20 W	0.83 A	≤0.11 W	140 x 50 x 16 (5 1/2" x 2" x 5/8")	833.95.008
2	40 W	1.67 A	≤0.15 W	191 x 60 x 16 (7 1/2" x 2 3/8" x 5/8")	833.95.010
3	90 W	3.75 A	≤0.21 W	316 x 70 x 16 (12 7/16" x 2 3/4" x 5/8")	833.95.011

> With 90° power cord with C7 socket

- > Supplied with:
 - 1 driver
 - 1 2 m (78 3/4") US power cord with 90° plug and C7 socket

	Output power W	Item No.
1	20 W	833.86.559
2	40 W	833.86.560
3	90 W	833.86.561

Ambient temperature -13 °F to +113 °F.
Ensure that there is sufficient air supply and circulation at the mounting location.
The lifetime is doubled with an ambient temperature of <86 °F.

Maximum lead length from the driver to the device is 10 m (393 11/16").
Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable, leading to visible loss of brightness in the lights.
The illuminance listed with the lights has been determined with the rated output voltage of the driver.

DRIVERS

24 V 4-PORT SERIES

24
V

Constant voltage, with switch port



- > Ideal for smaller installations
- > Four output ports and one switch port
- > Overload protection

- > Input voltage: 100–127 V~; 50–60 Hz
- > Output voltage: DC 24 V +/- 3%
- > Degree of protection: IP20
- > Number of connections: 4 x 2-pin sockets
1 x switch port
- > Lifetime: 30,000 hours
- > Safety: Class 2 with overload protection
- > Material/Color: Plastic, black
- > Supplied with:
1 driver with mounting accessories
1 US power cord with C7 socket

	Output power W	Output current A	Standby power consumpt. W	L x W x H	Item No.
1	20	.83	≤0.10 W	138 x 50 x 16 (5 7/16" x 2" x 5/8")	833.75.932
2	40	1.67	≤0.10 W	190 x 60 x 16 (7 1/2" x 2 3/8" x 5/8")	833.75.934

Ambient temperature -13 °F to +113 °F.
Ensure that there is sufficient air supply and circulation at the mounting location.

For applications that require continuous operation, please use power supplies with a service life of 50,000 h. Maximum lead length from the driver to the device is 10 m (393 11/16"). Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable, leading to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver.

Connection to Distributors

- 1) An extension lead is required to connect box to box distributors with 4-port series drivers. Please order separately, see page 279.
- 2) Distributors with integrated lead cables can connect directly to one of the 4 output sockets.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

DRIVERS
24 V EXTRA POWER

24
V

Constant voltage 270 W



- > Three 90 W power sockets
- > Overload protection

- > Input voltage: 100–120 V~; 50–60 Hz
- > Output voltage: DC 24 V +/-3%
- > Degree of protection: IP20
- > Number of connections: 3 x socket; max. 90 W per socket
- > L x W x H: 234 x 75 x 38 mm (9 3/16" x 2 15/16" x 1 1/2")
- > Lifetime: >50,000 hours
- > Safety: Class 2 with overload protection
- > Material/Color: Plastic, black
- > Supplied with:
 - 1 driver with mounting accessories
 - 1 2 m (78 3/4") US 5-15 P to C13 power cord

Connection to Distributors

- 1) An extension lead is required to connect box to box distributors with 270 W drivers. Please order separately, see page 279.
- 2) Distributors with integrated lead cables can connect directly to one of the 3 output sockets.

Output power	Output current	Standby power consumpt.	Item No.
W	A	W	
270 W (3 x 90)	3 x 3.75 A	≤0.5 W	833.95.022

Please pay attention to the regional input voltage when choosing the driver.

Ambient temperature -13 °F to 104 °F.
Ensure that there is a sufficient air supply and circulation at the mounting location.
The lifetime is doubled with an ambient temperature of <86 °F.

Maximum lead length from the driver to the device is 10 m (393 11/16"). Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable, leading to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

DRIVERS

12 V LOOX COMPATIBLE WALL PLUG DRIVERS

12
V

Wall plug drivers with Loox socket



- > Input voltage: 100–240 VAC
- > Output voltage: 12 VDC
- > Degree of protection: IP20
- > Material/Color: Plastic, black
- > Supplied with: 1 wall plug driver with 1 m (39 3/8") cable with Loox socket

Plug design/designation	Output power W	Ouput Current A	L x W x H	Item No.
 US	12 W	1.0 A	61 x 37 x 43 (2 3/8" x 1 1/2" x 1 11/16")	833.02.759
	18 W	1.5 A	78 x 46 x 54 (3 1/16" x 1 13/16" x 2 1/8")	833.02.769

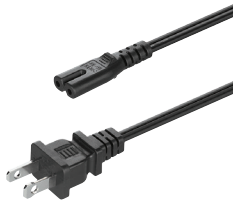
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

POWER CORDS

12
V

24
V

Power cord with C7 socket



- > Length: 2 m (78 3/4")
- > Material/Color: Plastic, black
- > Supplied with: 1 power cord

Item No.
833.89.003

90° power cord with C7 socket



- > Length: 2 m (78 3/4")
- > Material/Color: Plastic, black
- > Supplied with: 1 power cord

Item No.
833.89.017

C7 90° plug adapter



- > Material/Color: Plastic, black
- > Supplied with: 1 plug adapter

Item No.
833.89.018

5-15P to C13 power cord for 270 W drivers



- > Length: 2 m (78 3/4")
- > Material/Color: Plastic, black
- > Supplied with: 1 power cord

Plug Design	Description	Item No.
	US	833.89.259

Note
For use only with 270 W driver.

Country-specific, specialty power cords with C7 sockets

> Supplied with: 1 pc.

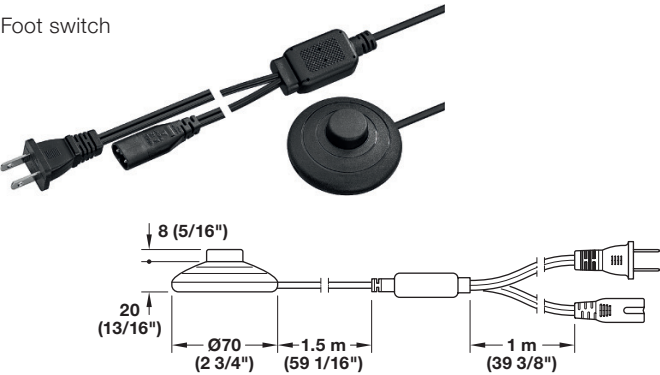
	2 m (78 3/4")							3 m (118")
Plug design								
Description	UK	AU	JP	CN	KR	US	US	US
Item No.	833.89.000	833.89.001	833.89.016	833.89.005	833.89.006	833.89.050	833.89.264	833.89.008

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

POWER CORDS
WITH SWITCHING

Power cords with switches, C7 socket

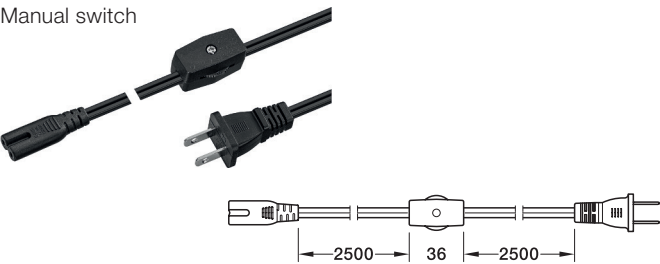
Foot switch



- > Voltage: 120
- > 18 AWG
- > Material/Color: Plastic, black
- > Supplied with: 1 power cord

Plug design /designation	Voltage	Version	Item No.
 US	120	with foot switch	833.89.210
		with manual switch	833.89.213

Manual switch



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

12
V

24
V



HARDWIRED CONTROLS

12 V AND 24 V



HARDWIRED CONTROLS

LINDRIVE SERIES, 12 AND 24 V

Phase-cut dimmable drivers pages 294–295

E-SERIES

12 V dimmable drivers page 296

12 V 6-way distributor page 296

24 V dimmable drivers page 297

24 V 6-way distributor page 297

DIMTONE/WARMTONE

Wall switches for tunable white 3-wire page 298

Dimmable driver for tunable white 3-wire page 299

Wall switch for monochrome page 300

Dimmable driver for monochrome page 301

LUTRON® WALL DIMMERS

2-wire low voltage page 302

2-wire forward phase page 302

2-conductor signal wire Diva dimmer and wall plate page 303

NEW

LINDRIVE SERIES

PHASE-CUT DIMMABLE DRIVERS

Constant voltage, dimmable LED driver

Compatibility

- > Compatible with most phase-cut leading edge dimming systems
- > Compatible with Häfele Pulse-width-modulation (PWM) and Connect Mesh dimming systems
- > Hardwired (phase-cut) dimmers and Häfele PWM or Connect Mesh dimming systems cannot be used together

12
V24
VScan for dimmer
compatibility list

The LINDRIVE is an electronic Class 2, phase dimmable LED driver with a low profile hard plastic case making it ideal for small to medium sized LED lighting applications. The ETL Listed enclosure utilizes covered, side feed terminal blocks for easy wiring and installation, eliminating the need for a separate junction box. The LinDrive is available in 20 W, 40 W, and 60 W, in both 12 VDC and 24 VDC, and can be ordered with a pre-attached low voltage cable with a Häfele Loox5 female socket.

- > Input voltage: 100-130 VAC, 50/60 Hz
- > Output Voltage: 12 VDC
- > Driver type: Class 2 single channel
- > Dimming: Phase dimmable with leading edge dimmer
- > Minimum load: 3 W
- > IP Rating: IP21
- > Auto-reset protection for short circuits and over-voltage
- > ETL Listed, Class 2, UL8750 and 1310
- > Material/Color: Plastic, white

Note

Hardwired by licensed electrician only.

Self-contained
side feed
terminal blocks

Low profile hard plastic case

Half hole, corner mounted flanges

Easy to connect
directly to Romex®Easy to connect directly
to low-voltage system

Available with pre-attached output cable with Loox5 female socket

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

LINDRIVE SERIES
PHASE-CUT DIMMABLE DRIVERS

Constant voltage LED driver

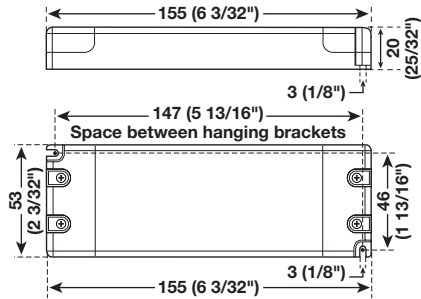
Voltage	Max. load	Output current	Dimensions	Item No. W/O socket	Item No. W/Loox5 female socket
	W	A	L x W x H		
12 V	20 W	2.1 A	155 x 53.4 x 20 (6 3/32" x 2 3/32" x 25/32")	833.02.624	833.02.605
12 V	40 W	4.16 A	177.8 x 61 x 25.4 (7" x 2 13/32" x 1")	833.02.625	833.02.607
12 V	60 W	5 A	190 x 60 x 35 (7 15/32" x 2 11/32" x 1 3/8")	833.02.626	833.02.609
24 V	20 W	1.05 A	155 x 53.4 x 20 (6 3/32" x 2 3/32" x 25/32")	833.05.624	833.05.605
24 V	40 W	2.1 A	177.8 x 61 x 25.4 (7" x 2 13/32" x 1")	833.05.625	833.05.607
24 V	60 W	2.5 A	190 x 60 x 35 (7 15/32" x 2 11/32" x 1 3/8")	833.05.626	833.05.609

Note
Hardwired by licensed electrician only.

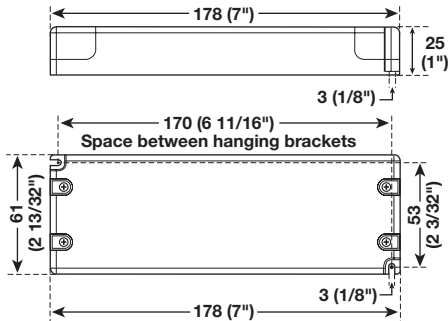
12
V

24
V

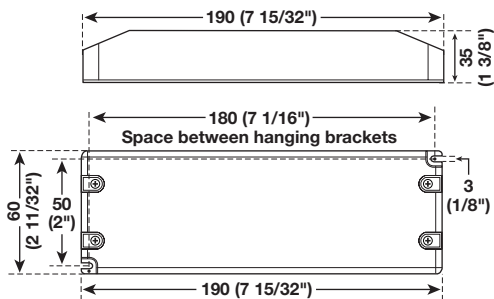
20 W



40 W



60 W



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

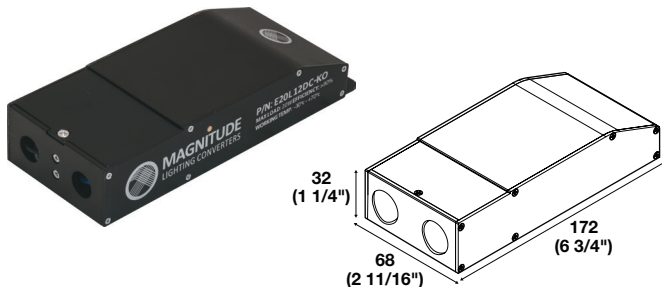


12
V

E-SERIES

12 V ELECTRONIC PHASE CUT-DIMMABLE DRIVERS

Dimmable drivers



- > Input voltage: 120 V 60 Hz
- > Output voltage: 12 VDC
- > Degree of protection: Nema 3R enclosure type
- > Min. load: 8 W
- > Class 2 low voltage power supply
- > L x W x H: 172 x 68 x 32 mm (6 3/4" x 2 11/16" x 1 1/4")
- > Material/Finish: Aluminum, black

Max. load	Output current	Item No.
20 W	1.7 A	833.02.964
40 W	3.5 A	833.02.963
60 W	5 A	833.02.962

Notes

Hardwired by licensed electrician only.
Dimmable with any standard MLV/CL (Triac) forward phase dimmer switch (item no. **820.66.751** or **820.66.752**).



Scan for dimmer
compatibility list

Order clamp connector
strain relief separately.

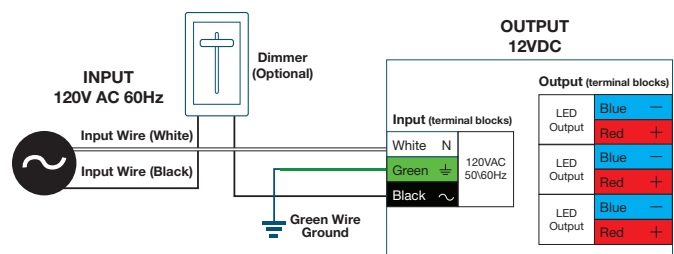
Clamp connector strain relief, optional



	Item No.	Packing
	631.18.370	2 pcs.
	631.18.377	10 pcs.

Note
Order separately.

High output dimmable driver



- > Input voltage: 120 V 60 Hz
- > Output voltage: 12 VDC
- > Degree of protection: Nema 3R enclosure type
- > Max. load: 180 W
- > Output current: 15 A
- > Class 2 low voltage power supply
- > L x W x H: 279 x 304 x 54 mm (11" x 12" x 2 1/8")
- > Material/Finish: Steel, white

Notes

3 x 60 W independent output circuits.
Hardwired by licensed electrician only.
Dimmable with any standard MLV/CL/Incandescent (Triac) forward phase dimmer switch (item no. **820.66.751** or **820.66.752**).
Auto-reset protection for short circuits and over-voltage.
Easy installation using terminal blocks.
8 W min per circuit.



6-WAY DISTRIBUTOR

With bare wire ends



- > Add to any hardwired dimmable driver to turn output into modular connectors for lights
- > 18 AWG wires are marked for polarity
- > L x W x H: 70 x 30 x 16 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black

Voltage	Wattage capacity	Item No.
12 V	60 W	833.95.870

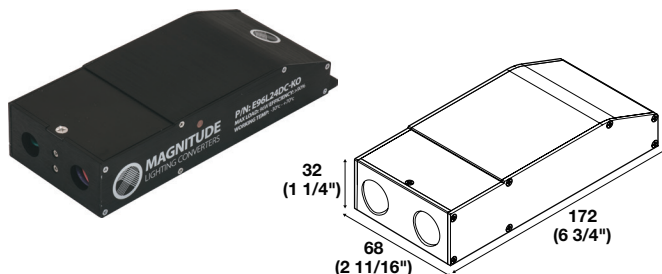


E-SERIES

24 V ELECTRONIC PHASE CUT-DIMMABLE DRIVERS

24
V

Dimmable



- > Input voltage: 120 V 60 Hz
- > Output voltage: 24 VDC
- > Degree of protection: Nema 3R enclosure type
- > Min. load: 8 W
- > Class 2 low voltage power supply
- > L x W x H: 172 x 68 x 32 mm (6 3/4" x 2 11/16" x 1 1/4")
- > Material/Finish: Aluminum, black

Max. load	Output current	Item No.
20 W	0.90 A	833.02.970
40 W	1.75 A	833.02.969
60 W	2.63 A	833.02.968
75 W	3.3 A	833.02.967
96 W	4.16 A	833.02.966

Notes

Hardwired by licensed electrician only.
Dimmable with any standard MLV/CL (Triac) forward phase dimmer switch (item no. **820.66.751** or **820.66.752**).



Scan for dimmer
compatibility list

Order clamp connector
strain relief separately.

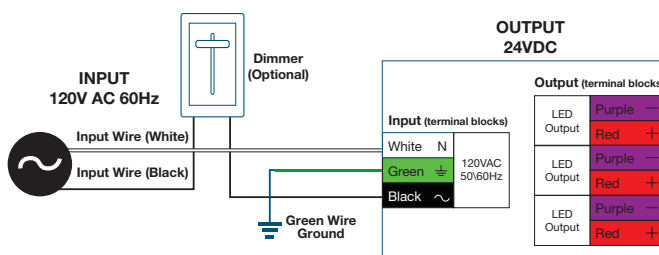
Clamp connector strain relief, optional



	Item No.	Packing
	631.18.370	2 pcs.
	631.18.377	10 pcs.

Note
Order separately.

High output dimmable 24 V driver



- > Input voltage: 120 V 60 Hz
- > Output voltage: 24 VDC
- > Degree of protection: Nema 3R enclosure type
- > Max. load: 288 W
- > Output current: 12 A
- > Safety: Class 2 low voltage power supply
- > L x W x H: 279 x 304 x 54 mm (11" x 12" x 2 1/8")
- > Material/Finish: Steel, white

	Item No.
	833.02.928

Notes

3 x 96 W independent output circuits.
Hard wired by licensed electrician only.
Dimmable with any standard MLV/CL/Incandescent (Triac) forward phase dimmer switch (item no. **820.66.751** or **820.66.752**).
Auto-reset protection for short circuits and over-voltage.
Easy installation using terminal blocks.
8 W min per circuit.



6-WAY DISTRIBUTOR

With bare wire ends



- > Add to any hardwired dimmable driver to turn output into modular connectors for lights
- > 18 AWG wires are marked for polarity
- > L x W x H: 70 x 30 x 16 mm (2 3/4" x 1 3/16" x 9/16")
- > Material/Color: Plastic, black

Voltage	Wattage capacity	Item No.
24 V	90 W	833.95.880



DIMTONE 2 HARDWIRED WALL SWITCH FOR TUNABLE WHITE 3-WIRE



Wall switch with color temperature and dimming control

12
V

24
V



NEW
AND
IMPROVED

- > Now fits standard Decora style multi-switch wall plate
- > Smooth color temperature control
- > Flicker-free dimming - compliant to IEEE and Title 24
- > A single wall switch can control multiple drivers
- > Simple installation with no compatibility issues

- > For on/off, dimming (0–100%), and color temperature control of tunable white 3-wire lights
- > On/off rocker switch with side slide color temperature and dimming controls
- > Dimmer controls driver via wireless RF signal
- > Wattage: 600 W/m; 183 W/ft.
- > L x W x H: 119 x 75 x 41 mm (4 11/16" x 3 7/8" x 1 3/4")
- > Fits US Standard gang box
- > Material/Color: Plastic, white
- > Supplied with:
 - Wall plate
 - Mounting screws
 - Wire nuts
 - Installation instructions

Note

Use only in conjunction with DimTone dimmable driver (sold separately).

Item No.

833.03.066



WARMTONE HARDWIRED WALL SWITCH FOR DIM-TO-WARM CONTROL OF TUNABLE WHITE 3-WIRE

Wall switch with dim-to-warm dimming control



- > While dimming, color temperature simultaneously is reduced, simulating incandescent lights
- > Flicker-free dimming - compliant to IEEE and Title 24
- > A single wall switch can control multiple drivers
- > Simple installation with no compatibility issues

- > For on/off, and dim-to-warm control
- > On/off rocker switch with side slide dimming/color temperature control
- > Color temperature ranges from 4000 K at 100% to 2700 K at 0%
- > Wattage: 600 W/m; 183 W/ft.
- > L x W x H: 119 x 75 x 41 mm (4 11/16" x 3 7/8" x 1 3/4")
- > Fits US Standard gang box
- > Material/Color: Plastic, white
- > Supplied with:
 - Wall plate
 - Mounting screws
 - Wire nuts
 - Installation instructions

Note

Use only in conjunction with DimTone dimmable driver (sold separately).

Item No.

833.03.011



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



3-wire

DIMTONE

FOR TUNABLE WHITE 3-WIRE

Dimmable driver



- > Same wire set as a standard LED driver
- > Superior dimming - flicker free to 0.1%
- > No minimum load
- > Wiring compartment with knockouts for safe and easy installation

- > Input voltage: 120 V 60 Hz
- > L x W x H: 213 x 104 x 38 mm (8" x 4 1/8" x 1 1/2")
- > Supplied with:
 - Mounting screws
 - Wire nuts
 - Installation instructions

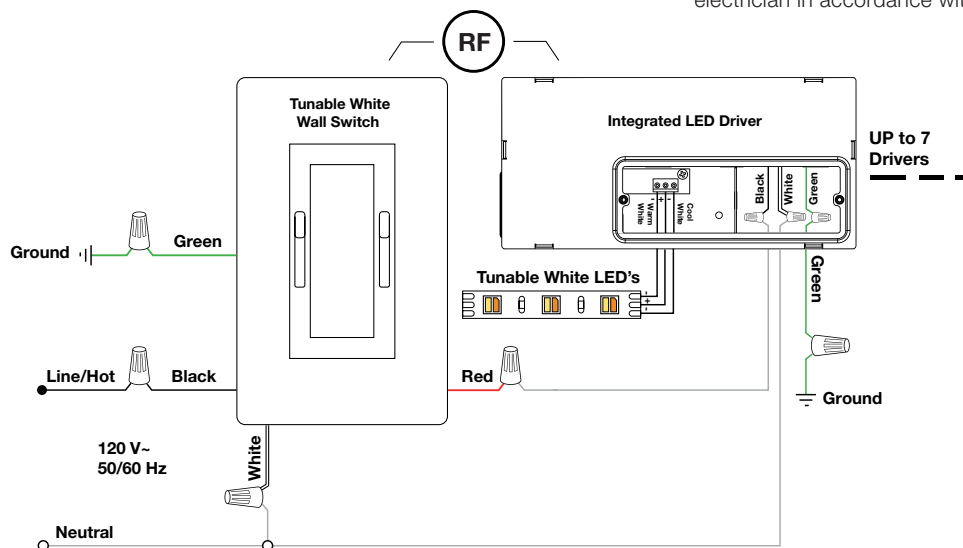
12
V

24
V

Voltage	Wattage	Item No.
12 V	60 W	833.03.005
24 V	90 W	833.03.007

Note

Use in conjunction with DimTech or Dim-to-Warm wall dimming and color temperature controls. For installation by a qualified electrician in accordance with all local and national electrical codes.



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.





DIMTECH WALL SWITCH AND DRIVER

FOR MONOCHROME DIMMING

Wall switch

12
V

24
V



- > Dim-to-off with selectable dimming curve
- > Flicker-free dimming - compliant to IEEE and Title 24
- > A single wall switch can control multiple DimTech drivers

- > For on/off and dimming (0-100%) of monochrome lights
- > On/off rocker switch with side slide dimming control
- > Dimmer controls driver via wireless RF signal
- > Wattage: 600 W
- > L x W x H: 119 x 75 x 41 mm (4 11/16" x 3 7/8" x 1 3/4")
- > Material/Color: Plastic, white
- > Supplied with:
 - Wall plate
 - Mounting screws
 - Wire nuts
 - Installation instructions

Item No.

833.03.008

Note

Use in conjunction with DimTech dimmable drivers.



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



DIMTECH DIMMABLE DRIVER

MONOCHROME

Dimmable driver



- > Same wire set as a standard LED driver
- > Superior dimming - flicker free to 0.1%
- > No minimum load
- > Wiring compartment with knockouts for safe and easy installation

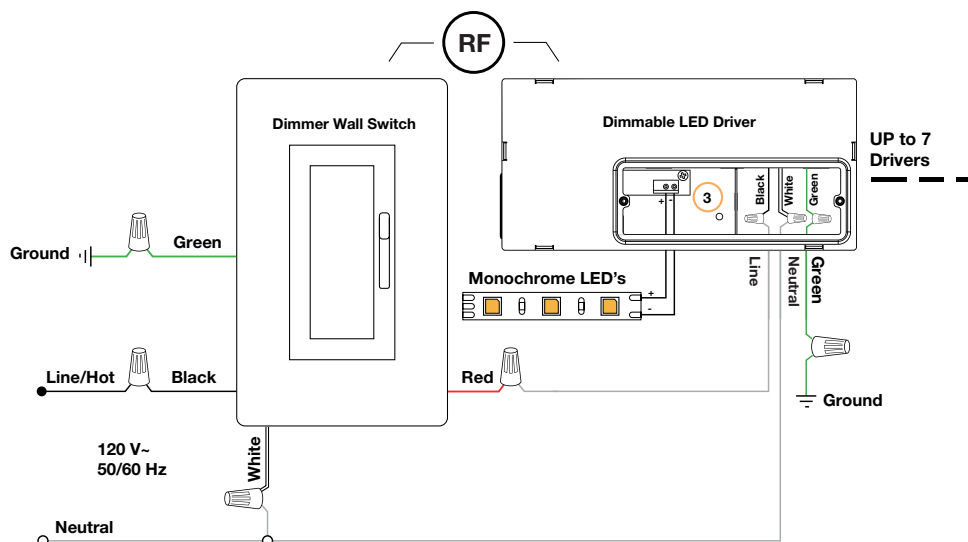
- > Input voltage: 120 V 60 Hz
- > L x W x H: 119 x 75 x 41 mm (4 11/16" x 3 7/8" x 1 3/4")
- > Supplied with:
Mounting screws
Wire nuts
Installation instructions

12
V24
V

Voltage	Wattage	Item No.
12 V	60 W	833.03.004
24 V	90 W	833.03.006

Note

Use in conjunction with DimTech wall dimming controls.
For installation by a qualified electrician in accordance with all local and national electrical codes.



LUTRON® WALL DIMMERS

2-WIRE LOW VOLTAGE (LV)

Diva wall dimming control, 110–120 VAC

12
V

24
V



Notes

For installation by a qualified electrician in accordance with all local and national electrical codes. Use copper conductors only. For indoor use only. Check to see that the driver type and rating are suitable for the application. DO NOT install if product has any visible damage. If moisture or condensation is evident, allow the product to dry completely before installation.

- > Control multiple LED light bars, LED strip lights and pucks up to 600 W
- > Great for dining rooms, bedrooms, bathrooms, and kitchens
- > Dimming offers energy savings over standard wall switches
- > Dimming to 1% with smooth, continuous, flicker-free performance
- > Arrives ready to install

- > Input voltage: 110–120 VAC, 60 Hz, 600 VA / 450 W
- > Wattage: 600 W
- > Operate between 32 °F (0 °C) and 104 °F (40 °C)
- > 0%–90% humidity, non-condensing
- > L x W x H: 115 x 57 x 55 mm (4 1/2" x 2 1/4" x 2 3/16")
- > Material/Color: Plastic/Aluminum, white
- > Supplied with:
 - Mounting screws
 - Wire nuts
 - Installation instructions

Item No.

820.66.752



2-WIRE FORWARD PHASE (CL)

Diva wall dimming control



Notes

For installation by a qualified electrician in accordance with all local and national electrical codes. Use copper conductors only. For indoor use only. Check to see that the driver type and rating are suitable for the application. DO NOT install if product has any visible damage. If moisture or condensation is evident, allow the product to dry completely before installation.

- > Control up to 150 W of LED light bars, LED strip lights or pucks
- > Great for dining rooms, bedrooms, bathrooms, and kitchens
- > Dimming offers energy savings over standard wall switches
- > Dimming to 1% with smooth, continuous, flicker-free performance
- > Arrives ready to install

- > Input voltage: 110–120 VAC, 60 Hz, 600 VA / 450 W
- > Wattage: 150 W
- > Operate between 32 °F (0 °C) and 104 °F (40 °C)
- > 0%–90% humidity, non-condensing
- > L x W x H: 115 x 57 x 55 mm (4 1/2" x 2 1/4" x 2 3/16")
- > Material/Color: Plastic/Aluminum, white
- > Supplied with:
 - Mounting screws
 - Wire nuts
 - Installation instructions

Item No.

820.66.751



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



LUTRON® WALL DIMMERS

2-CONDUCTOR SIGNAL WIRE (0–10 V)

Diva wall dimmer



- > Great for dining rooms, bedrooms, bathrooms, closets and kitchens
- > Dimming offers energy savings over standard wall switches
- > Dimming to 1% with smooth, continuous, flicker-free performance
- > Arrives ready to install
- > Works with Loox dimmer Interface
- > Module and Loox driver to offer secondary side dimming

- > Operate between 32 °F (0 °C) and 104 °F (40 °C)
- > 0%–90% humidity, non-condensing
- > L x W x H: 115 x 57 x 55 mm (4 1/2" x 2 1/4" x 2 3/16")
- > Material/Color: Plastic/Aluminum, white
- > Supplied with:
 - Mounting screws
 - Wire nuts
 - Installation instructions

Notes

For installation by a qualified electrician in accordance with all local and national electrical codes. Use copper conductors only. For indoor use only. Check to see that the driver type and rating are suitable for the application. DO NOT install if product has any visible damage. If moisture or condensation is evident, allow the product to dry completely before installation.

Item No.
820.66.750

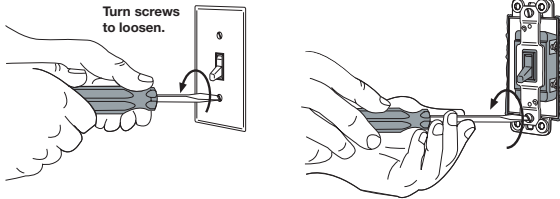


Diva wall plate



- > L x W x H: 120 x 70 x 10 mm (4 3/4" x 2 3/4" x 3/8")
- > Material/Color: Plastic, white
- > Supplied with:
 - Mounting screws
 - Cover plate

Item No.
820.66.753



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



ACCESSORIES



ACCESSORIES

CHARGING STATIONS

USB-A/USB-C page 306

CABLE MANAGEMENT

Sleek Socket® pages 307–308

Wiremaster latch duct page 309

Cord management clips page 309

Cable clamp and spring clips page 309

Zip tie mount and zip ties page 309

MOUNTING CLIPS AND TAPE

Silicone LED strip mounting clips page 310

Mounting tape page 310

CONNECTORS

Wire splice page 311

Cable/LED strip connectors pages 311–312

LED strip corner ramp page 312

CUSTOM LENGTH EXTENSION LEAD COMPONENTS

Sockets and plugs page 313

Cable page 314

Terminal crimper page 314

TOOLS

Drilling jig and bits for puck lights page 315

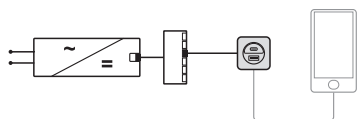
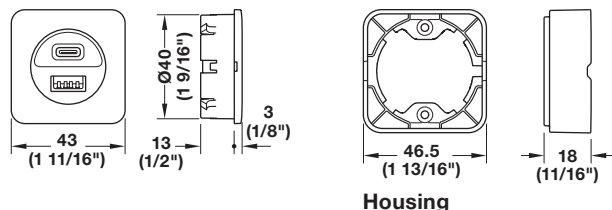
Drilling jig for leads and switches page 315

NEW

ACCESSORIES

CHARGING STATIONS

USB-A/USB-C

12
V24
V

> For recess mounting in drilled hole, surface mounting with supplied housing

- > Ø x H: 40 x 24 mm (1 9/16" x 15/16")
- > Output voltage: 5 V
- > Power output: 16 W
- > Degree of protection: IP20
- > Drill hole Ø: 40 mm (1 9/16")
- > Material: Plastic
- > Supplied with:
 - 1 USB charging station with pre-attached 1.5 m (59 1/16") lead
 - 1 housing

Voltage	Charging socket	Charging current sockets	white	black
12 V	1 x USB-A, 1 x USB-C	2.8 A	833.73.828	833.73.808
24 V	1 x USB-A, 1 x USB-C	2.8 A	833.73.829	833.73.809

Note

Driver output min. 16 W per charging station

Installation reference

When using a 6-way distributor with switching function or Connect Mesh, please always connect this charging station to the 7th output (continuous current) of the 6-way distributor.

NEW

ACCESSORIES
SLEEK SOCKET® POWER STRIPS

Sleek Socket® from Häfele

- > Sleek Socket® hide unsightly, unsafe plugs and cords
- > The slim wall hugging device blends into the wall creating an uncluttered look
- > Sleek Socket® are 90% thinner than traditional plugs and cords and most baseboards allowing furniture to sit flush against the wall
- > Supplied adhesive cord management kits consisting of double-sided removable adhesive strips and adhesive cord clips, hold the cord neatly against the wall
- > Universally compatible with all duplex outlet sizes
- > Ideal solution for hiding power cords in and around cabinets, for example placement of LED lighting
- > UL listed specifically complying with UL Standard 817 and CSA C22.2 #21 (safety cords sets and power supply cords)

12
V

24
V

3-outlet



- > The 3' cord version is ideal for smaller spaces such as kitchens and baths
- > Material/Color: Plastic, white
- > Supplied with:
 - 1 power strip
 - Adhesive cord management clips

Version	Item No.
3' cord	822.09.418
8' cord	822.09.419
8' cord for ground pins facing up	822.09.420

Upward 2-outlet with surge protection



- > With 4' upward exiting power cord
- > Perfect for wall mounted televisions
- > Material/Color: Plastic, white
- > Supplied with:
 - 1 power strip
 - Adhesive cord management clips

	Item No.
	822.09.423

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

ACCESSORIES
SLEEK SOCKET® POWER STRIPS

Sleek Socket®

6-outlet with surge protection

12
V

24
V



- > With 6' power cord, 6 outlet power bar
- > With lighted surge protection switch
- > Ideal for hiding plugs behind furniture, TV stands, desks, etc.
- > Material/Color: Plastic, white
- > Supplied with:
 - 1 power strip
 - Adhesive cord management clips

	Item No.
	822.09.421

3-outlet, above and below cabinet



- > 8' cord up, 8' cord down with a 3-outlet power strip on each cord
- > Ideal for adding a power strip above and below a cabinet
- > With two 3 outlet power strips
- > Material/Color: Plastic, white
- > Supplied with:
 - 1 power strip
 - Adhesive cord management clips

	Item No.
	822.09.424

3-outlet with 2 x 8' power cords



- > Features dual 8' power cords, each with a 3-outlet power strip
- > Works great behind beds and couches
- > Material/Color: Plastic, white
- > Supplied with:
 - 1 power strip
 - Adhesive cord management clips

	Item No.
	822.09.422

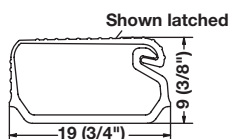
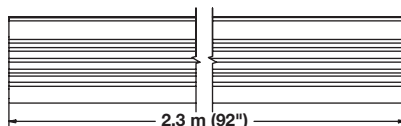
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

NEW

ACCESSORIES

CABLE MANAGEMENT

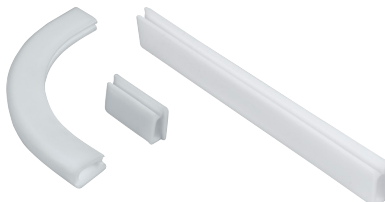
Wiremaster latch duct



- > With self-adhesive tape
- > Provides efficient cable concealment
- > Can be cut to length
- > Material: Plastic PVC, adhesive tape
- > Supplied with: 1 2.3 m (92") channel

Color	Item No.
black	829.15.305
white	829.15.306

Adhesive cable management clips

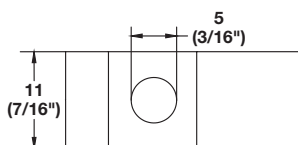
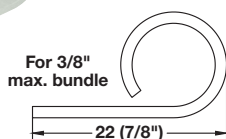


- > Ideal for managing indoor extension cords around baseboards, etc.
- > Use for wire management in cabinetry or furniture
- > With self-adhesive tape
- > Material/Color: Plastic, white

Version	Item No.
10 pcs. 1" clips and 1 pc. 90° clip	822.09.425
10 pcs. 5" clips	822.09.426

12
V24
V

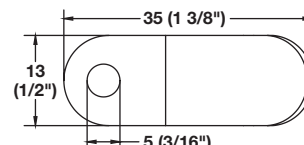
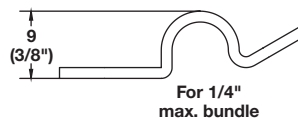
Cable clamp 8 mm (3/8")



- > Material: Nylon
- > Supplied with: 50 pcs.

Color	Item No.
white	631.18.380

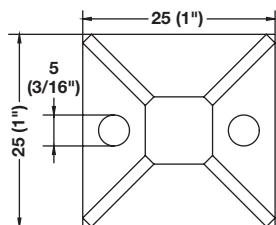
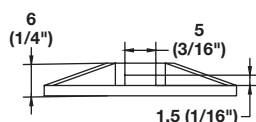
Cable spring clip 6 mm (1/4")



- > Material: Nylon
- > Supplied with: 25 pcs.

Color	Item No.
white	631.18.381

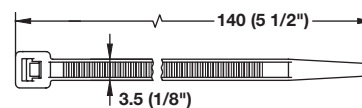
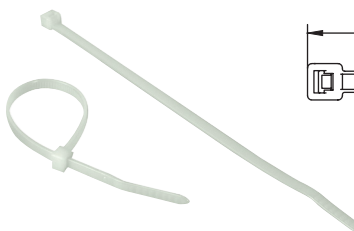
Zip tie mount



- > With adhesive tape and a screw mounting hole
- > Material: Nylon
- > Supplied with: 50 pcs.

Color	Item No.
white	631.18.382

Zip ties 140 mm (5 1/2")



- > Material: Nylon
- > Supplied with: 100 pcs.

Color	Item No.
white	631.18.304

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

ACCESSORIES

MOUNTING CLIPS AND TAPE

Silicone LED strip mounting clips



- > For supplementing self-adhesive mounting for silicone LED strips or for securing cables to provide strain relief
- > L X W X H: 22.5 x 4 x 5.5 mm (7/8" x 5/32" x 7/32")
- > Material/Color: Plastic, clear
- > Mounting: Screw mounted
- > Supplied with: 10 pcs. with screws

Item No.

824.19.423

Double sided foam tape strips



- > L x W: 78 x 12 mm (3 1/16" x 15/32")
- > Material/Color: Foam, white
- > Supplied with: 3 pcs.

Item No.

003.58.270

Double sided, high adhesive, 3M®

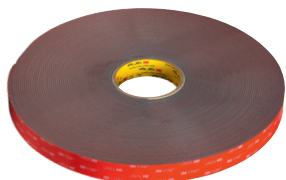


- > L x W: 7.62 m x 10 mm (25' x 3/8")

Item No.

003.58.280

For profiles, double sided



- > For mounting aluminum on wood, metal, or plastic
- > High instant adhesion and high temperature resistance
- > L x W: 33 m x 10 mm (108' 3 3/16" x 3/8")
- > Thickness: 0.6 mm (1/32")

Item No.

833.89.266

ACCESSORIES

CONNECTORS

Wire splice, lever nut 2-conductor connector



- > For stranded or solid wires; 28-12 AWG
- > L x W x H: 20.5 x 12.4 x 14.5 mm (13/16" x 1/2" x 37/64")
- > Material/Color: Plastic, gray/orange
- > Supplied with: 50 pcs.

Item No.

824.19.398

12
V24
V

Wire splice, 2-pin connector



- > Connect wires without stripping insulation
- > For 22-18 AWG
- > L x W x H: 25 x 10.8 x 6.9 mm (1" x 27/64" x 17/64")
- > Material/Color: Plastic, clear/black
- > Supplied with: 10 pcs.

Item No.

824.19.416

Cable/LED strip connector, 8 mm (5/16")



- > For connecting lead cable with 8 mm (5/16") standard LED strips
- > For 22-18 AWG
- > L x W x H: 24.3 x 12.6 x 7.7 mm (61/64" x 1/2" x 19/64")
- > Material/Color: Plastic, clear/black
- > Supplied with: 10 pcs.

Item No.

824.19.417

Cable/LED strip connector, 8 mm (5/16")



- > For connecting lead cable with 8 mm (5/16") standard LED strips
- > For 22-18 AWG
- > L x W x H: 15.4 x 9.5 x 5.7 mm (39/64" x 3/8" x 7/32")
- > Material/Color: Plastic, clear/black
- > Supplied with: 10 pcs.

Item No.

824.19.421

NEW

ACCESSORIES

CONNECTORS

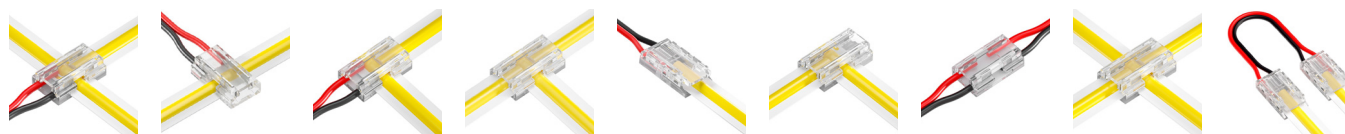
Multi-function cable/LED strip connector, 8 mm (5/16")



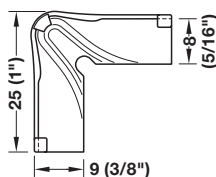
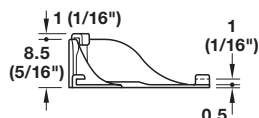
- > For 8 mm (5/16") COB or standard LED strips
- > Connects cables to LED strips; LED strips to LED strips; cables to cables
- > Straight and 90° connections
- > L x W x H: 15.4 x 9.6 x 5.3 mm (39/64" x 3/8" x 13/64")
- > Material/Color: Plastic, clear
- > Supplied with: 10 pcs.

Item No.

824.19.424



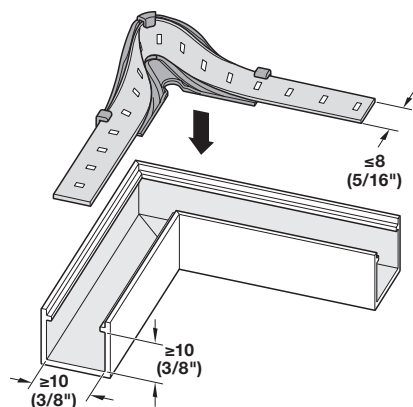
LED strip corner ramp



- > For guiding LED strips in 90° corners of aluminum profiles
- > Provides alternative to corner connectors or interconnecting leads which require cutting the LED strips
- > L x W x H: 25 x 25 x 9 mm (1" x 1" x 23/64")
- > Material/Color: Plastic, clear
- > Supplied with: 1 pc.

Item No.

833.89.308



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

ACCESSORIES

CUSTOM LENGTH EXTENSION LEAD COMPONENTS

Female socket

12 V



24 V



- > Material: Plastic
- > Supplied with: 100 pcs.

Voltage	Item No.
12 V	833.89.918
24 V	833.89.917

12
V

24
V

Male plug

12 V



24 V



- > Material: Plastic
- > Supplied with: 100 pcs.

Voltage	Item No.
12 V	833.89.916
24 V	833.89.915

Pin for female socket 12/24 V



- > Material/Finish: Steel, chrome-plated
- > Supplied with: 200 pcs.

Item No.
833.89.914

Pin for male plug 12/24 V

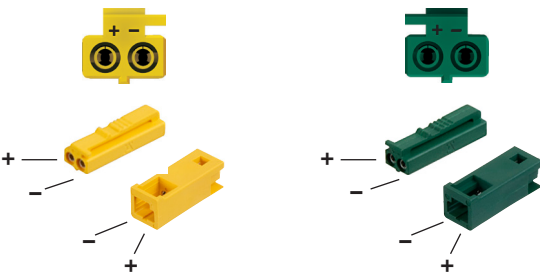


- > Material/Finish: Steel, chrome-plated
- > Supplied with: 200 pcs.

Item No.
833.89.913

Note

Use the listed components to make your own custom length cables.
One plug requires two pins per cable end.
Make note of wire orientation to ensure correct polarity.
Refer to photo for typical +/- connections.



Note

Cable, see page 314.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

ACCESSORIES

CUSTOM LENGTH EXTENSION LEAD COMPONENTS

Cable, CL3R 2-conductor, 18AWG 12/24 V

12
V

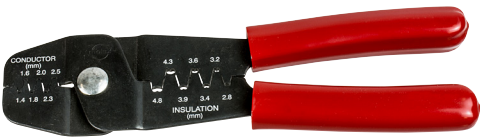
24
V



- Meets the following codes for wire and cable locations:
- > NEC article 411 Lighting systems operating at 30 V or less attached to Class 2 power
 - > NEC article 725.135 Installation of Class 2 cable
 - > NEC article 411.5 Specific Location Requirements
 - > Length: 76 m (250')
 - > Material/Color: Plastic, black

Item No.
833.93.748

Terminal crimper, molex



- > Material/Color: Steel/Plastic, black/red

Item No.
006.17.011

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

TOOLS

JIGS AND DRILL BITS

Drilling jig for puck light



- > Supplied with:
Jig
2 boring bits
1 drill bit

Item No.
001.35.052

Forstner bit assembly for puck light



- > High grade steel material with patented wave cutting edge
- > Patented cutting edge drills 10x faster than standard bits
- > Modified low-profile brad point tip for flat bottom hole
- > Material: HSS Steel
- > Supplied with:
Adjustable depth stop
Collar
Hex key

Item No.
001.35.054
001.35.055

12
V24
V

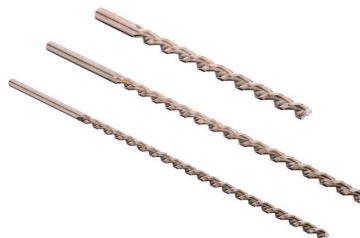
Drill bit for puck light, with stop



- > High grade steel material for increased drill life
- > Allows for deeper wire holes
- > Ø x L: 10 x 457 mm (3/8" x 18")
- > Material: M2 HSS Steel
- > Supplied with: Hex key

Item No.
001.35.053

HSS twist drill bit set, 3 piece



- > For drilling deep holes in all types of wood, MDF and acrylic
- > With centering tip
- > Lengths: Ø8 (5/16"): 460 mm (18 1/8")
Ø10 (3/8"): 460 mm (18 1/8")
Ø12 (1/2"): 250 mm (9 13/16")
- > Material: HSS Steel
- > Supplied with: 1 bit of each size

Item No.
001.20.354

Häfele drilling jig



- > Precision drill holes in furniture side panels for leads and switches
- > For panel thickness: 16, 19 and 25 mm (5/8", 3/4" and 1")
- > Length: 75 mm (3")
- > Drilling sleeves: 8, 10 and 12 mm (5/16", 3/8" and 1/2")

Item No.
001.25.080

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

FEATURES, CERTIFICATIONS AND SAFETY SYMBOLS

Product features

-  Dimmable
-  RGB light
-  Tunable white 2-wire
-  Tunable white 2-wire
-  Tunable white 3-wire
-  Tunable white 3-wire
-  Bluetooth®: industry standard for data transmission between electronic devices by radio over a short distance. The Bluetooth® word mark and logos are registered trademarks of Bluetooth SIG, Inc., and Häfele uses these marks under licence. Other trademarks and names are the property of their respective owners.

Protection classes

-  Protection class II
-  Protection class III

Degrees of protection

- IP20** Only for use in dry locations
- IP44** Penetration by solid foreign bodies $q \geq 1$ mm is prevented. Water spray protection (water from all directions)
- IP67** Dustproof, protection against temporary immersion in water.
-  IP44 after installation

Test symbols

-  Confirmation from manufacturer that the product complies with the product-specific applicable European norms and standards. Häfele will not use the certification in advertising.
- RoHS** Restriction of Hazardous Substances (EU directive 2011/65/EU). Häfele will not use the certification in advertising.
-  UK Conformity Assessed
-  Underwriters Laboratories, correspondence with the national standards in the USA and Canada
-  Energy efficiency standard level VI (USA) meets DOE new standards
-  Bureau of Standards, Metrology & Inspection BSMI (for Taiwan)
-  Thai Industrial Standards Institute TISI
-  Declaration of Conformity for telecommunication and radio equipment (USA)
-  Electrical Testing Labs Certified

Safety symbols

-  Installation permitted on or in furniture, whose ignition properties are unknown.
-  Max. surface temperature in case of fault
-  Lights to be used indoors only. Not to be used outdoors.
-  Do not use components that impede thermal radiation.
-  Waste of Electrical and Electronic Equipment. Do not dispose of in residential waste!
-  Driver, converts alternating current to direct current

Voltage supply

- SELV** Safety Extra Low Voltage
-  Independent operating unit for use outside of light without additional cover.
-  Short-circuit proof with safety isolation

HÄFELE LIGHTING REFERENCE GUIDE

COMPLIANCE WITH ELECTRICAL CODES

Häfele is committed to producing, marketing and selling products that meet or exceed all relevant safety standards for the industry.

Häfele Lighting products are designed and manufactured to achieve the most relevant standard in the United States, as defined by Underwriters Laboratory (UL), UL2108 (Standard for Safety Low Voltage Lighting Systems).

- UL2108 applies to low voltage lighting systems and components intended for permanent installation and use in locations following the National Electrical Code (NEC), NFPA 70, Article 411 (Lighting Systems Operating at 30 Volts or Less and Lighting Equipment Connected to Class 2 Power Sources)
- The UL2108 listing of low voltage lighting products is also relevant when our customers want to comply with other standards such as UL962 for residential and commercial furnishings, UL970 for commercial display cases and UL1286 for office furnishings. These standards are only referenced as examples and are not meant to be an exhaustive list of potential requirements to consider in applying low voltage lighting systems.
- Compliance with relevant standards and codes is the responsibility of our customers when using the Häfele low voltage lighting systems, and it is the installer's responsibility to ensure the lighting is applied correctly, safely and in compliance with all applicable codes.
- Many local electrical code interpretations exist in the United States, and it is advisable to proactively understand these nuances before installing low voltage lighting in construction or furniture products.
- In jurisdictions where the NEC Article 410 (Luminaires, Lampholders and Lamps) applies, care must be taken in selecting the correct placement and/or luminaire. Consider the following points in particular when using luminaires in a clothes closet:
 - All Häfele Lighting luminaires are suitable for use in clothes closet spaces, provided installation satisfies the required location constraints of NEC Article 410.16C (Luminaires in Clothes Closets-Location).
 - LED strip lights must always be installed within a linear profile with a lens and endcaps to ensure that the LED light source is enclosed and cannot be contacted.
 - If luminaires are to be installed in a location that may place them in direct contact with items stored in the closet or storage space, they are required to pass an additional test under the standard UL1598 (Standard for Safety- Luminaires). This is an additional requirement contained in the UL2108 listing, which as previously outlined, is the general certification making the luminaires suitable for installation in the storage area of a clothes closet.
 - The Häfele Lighting low voltage lighting system has the following families of product that meet the additional UL1598 test standard for more flexible use within closet or storage space:

Linear luminaire models

Model 1200	Model 1304	Model 3040	Model 3103
Model 1201	Model 1305	Model 3041	Model 3104
Model 1202	Model 2060	Model 3042	Model 3105
Model 1203	Model 2061	Model 3044	Model 3106
Model 1204	Model 2065	Model 3045	Model 3107
Model 1205	Model 2068	Model 3047	Model 3108
Model 1210	Model 2070	Model 3048	Model 3142
Model 1211	Model 2075	Model 3049	Model 3145
Model 1212	Model 2077	Model 3050	Model 3148
Model 1213	Model 2087	Model 3051	Model 3153
Model 1300	Model 2103	Model 3078	
Model 1301	Model 2104	Model 3084	
Model 1302	Model 2106	Model 3085	
Model 1303	Model 2107	Model 3087	

Puck style luminaire models

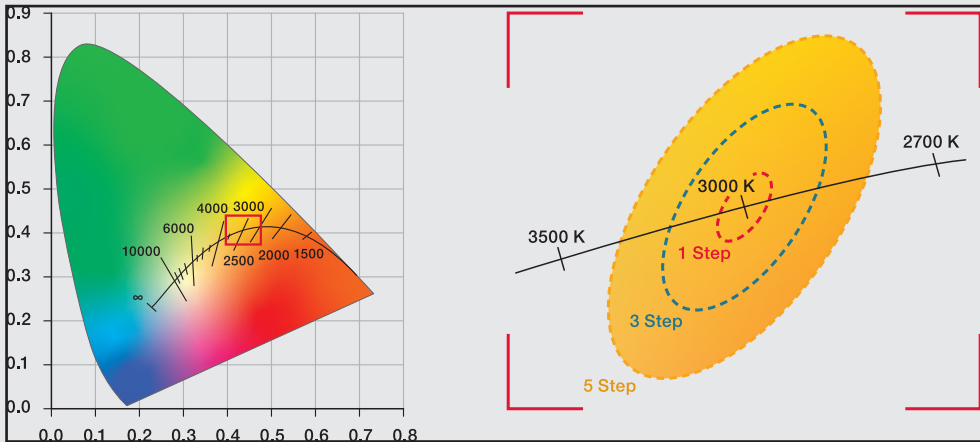
Model 2020	Model 3058
Model 2022	Model 3059
Model 2023	Model 3066
Model 2050	Model 3067
Model 2051	Model 3090
Model 2058	Model 3094
Model 2059	
Model 2066	
Model 2067	
Model 2090	
Model 3023	
Model 3025	
Model 3035	
Model 3036	

- The Häfele Adjustable Shelf Lighting system is UL listed under the UL2108 standard. Per NEC 411.6C (Low-Voltage Lighting Systems, Secondary Circuits, Bare Conductors), our bare low voltage conductor (bus bar) is specifically listed for installation in locations lower than the code required 7' height.

This information is provided to you as a reference guide, not an authoritative body of work. Compliance with relevant Standards and Codes is the responsibility of our customers when using the Häfele Lighting low voltage lighting systems, and it is the installer's responsibility to ensure the lighting is applied correctly, safely and in compliance with all applicable codes.

To confirm the listing for your specific product please contact us at compliance@hafele.us.

TECHNICAL TERMS

Refraction angle	The refraction angle (beam angle) describes the angle between two imagined straight lines in a plane through the visual beam axis, whereby these straight lines go through the center of the front of the lamp and through the points at which the illuminance is 50% of the illuminance on the visual beam axis.														
Illuminance	The illuminance is the luminous flux (lm) in relation to a surface (m ²) and it is indicated in Lux (lx). It is used to measure the brightness with which a surface is illuminated.														
Binning	During industrial manufacture, LEDs differ from each other with regard to color, luminous flux (brightness) and forward voltage. In order to achieve consistent light quality with the same brightness level and a uniform light color, they are therefore sorted according to color, luminous flux and forward voltage and separated into bins ("containers") during manufacturing. This sorting process is known as Binning. Häfele exclusively uses bins with a high degree of brightness in order to achieve high efficiency.														
Bluetooth® Mesh	Network technology which was introduced in 2017, based on Bluetooth® Low Energy, in which all components (controls, devices) form a joint network, which is ideal for controlling lights. Häfele Connect Mesh uses this technology.														
Energy efficiency class	The energy efficiency class provides information about the relevant energy consumption. Lamps and lights are categorized in classes E to A+++. LED lights achieve the highest classes A to A+++.														
Color temperature and light color	The color temperature is a specification of the color appearance of a white light source and is measured in Kelvin (K). The lower the color temperature, the warmer the light color; the higher the color temperature, the cooler the light color. White light sources with a color temperature below 3400 K are considered "warm white" by Häfele, white light sources with a color temperature between 3400 K and 5700 K are considered "cool white". White light sources above 5700 K are referred to as "daylight white".														
Color consistency/ color differences	 Color differences are specified in stages, so called "MacAdams Ellipses" or "SDCM" (Standard Deviation of Color Matching). Häfele uses 3 SDCM binnings for its LED products. This is a good value, because it is statistically unlikely that LEDs with a maximum color difference will be next to each other on the strip light or in the light and that the color difference is visible. In its ErP directive, the EU Commission stipulates that 6 SDCMs may not be exceeded for LED products. <table> <tr> <th>SDCM</th><th>Visibility</th></tr> <tr> <td>1</td><td>Only people with extremely good vision can see the most minimal color differences.</td></tr> <tr> <td>2</td><td>Most minimal color differences are visible.</td></tr> <tr> <td>3</td><td>Very small color differences are visible.</td></tr> <tr> <td>4</td><td>Color differences are visible.</td></tr> <tr> <td>5</td><td>Significant color differences are visible.</td></tr> <tr> <td>>5</td><td>Very clear color differences are visible.</td></tr> </table>	SDCM	Visibility	1	Only people with extremely good vision can see the most minimal color differences.	2	Most minimal color differences are visible.	3	Very small color differences are visible.	4	Color differences are visible.	5	Significant color differences are visible.	>5	Very clear color differences are visible.
SDCM	Visibility														
1	Only people with extremely good vision can see the most minimal color differences.														
2	Most minimal color differences are visible.														
3	Very small color differences are visible.														
4	Color differences are visible.														
5	Significant color differences are visible.														
>5	Very clear color differences are visible.														
Color rendering index CRI	The color rendering index is a parameter that can be used to compare the color rendering quality of light sources at the same color temperature. The higher the value, the better the color rendering. A value of 100 corresponds to the color rendering of sunlight.														

TECHNICAL TERMS

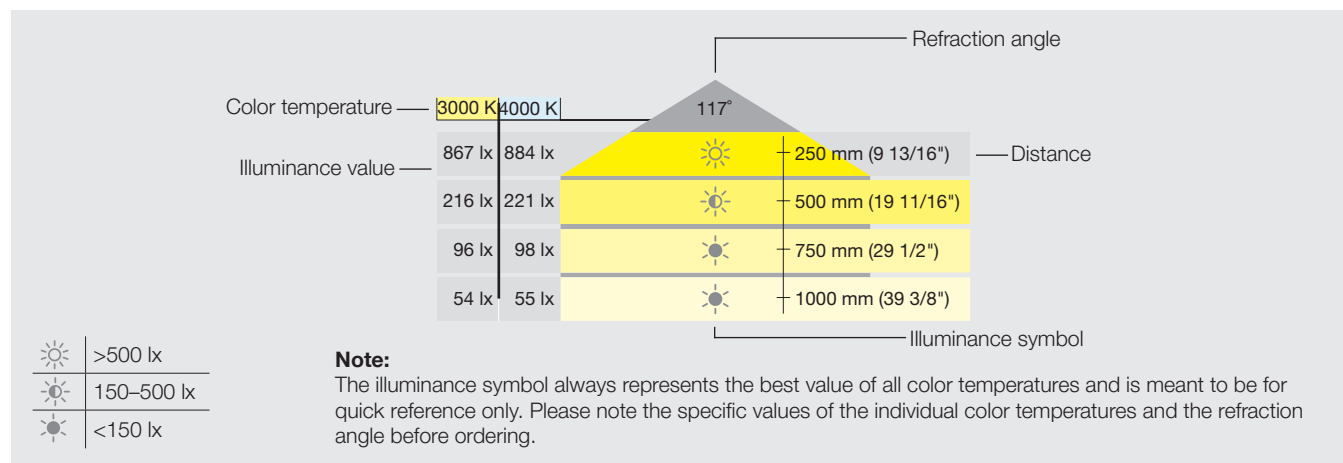
Constant current technology	The same current flows through each LED. That means that the brightness of all LEDs is the same, and a drop in luminous flux is prevented. This increases the maximum visual length of the strip lights.																												
Life time	Specified in operating hours. The life time mainly depends on the warming of the products. The hotter the environment, the shorter the life time. The replacement rate in years is calculated from the total life time and the average operating time per annum. The following table can be used as a planning aid. The specified life time relates to L80/B10. <table><tr><th>Indoor use</th><th>Annual operating time (EN 15193) hours</th><th>Replacement rate Years</th><th>Life time installation Hours</th></tr><tr><td>Office</td><td>2,500</td><td>20</td><td>50,000</td></tr><tr><td>Education</td><td>2,000</td><td>25</td><td>50,000</td></tr><tr><td>Hospital</td><td>5,000</td><td>10</td><td>50,000</td></tr><tr><td>Hotel</td><td>5,000</td><td>10</td><td>50,000</td></tr><tr><td>Restaurant</td><td>2,500</td><td>10</td><td>25,000</td></tr><tr><td>Shop</td><td>5,000</td><td>10</td><td>50,000</td></tr></table>	Indoor use	Annual operating time (EN 15193) hours	Replacement rate Years	Life time installation Hours	Office	2,500	20	50,000	Education	2,000	25	50,000	Hospital	5,000	10	50,000	Hotel	5,000	10	50,000	Restaurant	2,500	10	25,000	Shop	5,000	10	50,000
Indoor use	Annual operating time (EN 15193) hours	Replacement rate Years	Life time installation Hours																										
Office	2,500	20	50,000																										
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Hospital	5,000	10	50,000																										
Hotel	5,000	10	50,000																										
Restaurant	2,500	10	25,000																										
Shop	5,000	10	50,000																										
Life time L80/B10	L80 is the time after which the LED is still emitting 80% of its original light. B10 means that 10% of the LEDs may have less than 80% of the original light output. Häfele tests all LEDs it uses in accordance with the LM-80 standard. LM-80 is a standardized testing method, which allows products to bear the EPA's (Environmental Protection Agency) Energy Star. The test is a manufacturer-independent comparison of LEDs. During the test the luminous flux (Lumen maintenance) of an LED is tested at three different temperatures for a minimum of 6,000 hours. Then the life time L80 is calculated by means of extrapolation. The extrapolation procedure is described in regulation IES TM-21.																												
LED	A light-emitting diode (LED) is a semi-conductor element that emits light when electricity passes through it. This semi-conductor element consists of a crystal that is attached to a metal base, and both are encapsulated in protective plastic. LEDs are mostly based on inorganic, i.e. non-carbon based materials.																												
Luminous efficacy	The luminous efficacy is the ratio of the luminous flux and the wattage absorbed. It is used to measure the operating efficiency of the light source. It is indicated in Lumens per Watt (lm/W).																												
Luminous flux	It is indicated in Lumen (lm). The luminous flux indicates the light output, i.e. the quantity of light a source emits. The value may be subject to measurement and production-related fluctuations of ±10%.																												
Drop in luminous flux	The brightness of the LEDs on LED strip lights decreases with the length of the strip light due to the increasing resistance of the copper line. A drop in luminous flux from the first to the last LED of up to 30% is imperceptible to the human eye. That's why Häfele specifies a maximum strip light length for this visual value. Generally, it is possible to operate strip lights with longer lengths, but a difference in brightness will be visible. Exception: The LEDs of the strip lights with constant current technology (LED 3050/3051/3052) always have the same brightness.																												
Max. strip light length	Visual value Strip light length with an imperceptible drop in luminous flux of max. 30%. Wattage-dependent value Strip light length = output power of driver / wattage of the strip light per meter. If the wattage-dependent value is greater than the visual value, a difference in brightness will be perceivable. Exception: The LEDs of the strip lights with constant current technology (LED 3050/3051/3052) always have the same brightness.																												
Tunable white	The light color of shades of white can be changed as required with Häfele Connect Mesh, e.g. from warm white to cool white.																												
RGB	RGB is the abbreviation for red, green and blue. In combination with Häfele Connect Mesh, almost any color combination can be created from these three primary colors.																												
RoHS – Lead in Häfele Lighting products	Lighting products by Häfele are lead-free and adhere to the RoHS guidelines. RoHS is part of CE conformity. All Loox products are CE compliant. Häfele does not advertise the CE conformity in its catalogs, since only CE compliant products are allowed to be offered. The declaration of conformity is available online at www.hafele.com																												
Transmittance	Ratio of transmitted light to incidental light. An ideal transparent body would have a transmittance of 100%.																												

TECHNICAL QUESTIONS

How do I clean an LED strip light?	LED strip lights without a silicone sleeve do not require cleaning. Silicone strip lights can be wiped down with a damp, anti-static cloth. Scouring agents and aggressive cleaners can destroy the surface and attack the LEDs.																																				
May I use drivers from other manufacturers?	To ensure the safety and functionality of the installation, only Loox drivers, or drivers that have been explicitly approved by Häfele should be used. If an electronics technician installs the system, Häfele Lighting can also be connected and coupled with on-site electrical equipment. However, we explicitly point out that these tasks must be performed by a qualified electrician.																																				
What is the lifetime of the Loox5 drivers?	Loox5 drivers are rated for 50,000 hrs. with a max. ambient temperature of 104° F. The lifetime is doubled with an ambient temperature of < 86° F. When installing the driver, keep a minimum distance of 50 mm (2") on all sides to ensure sufficient air supply and circulation.																																				
How can sensor switch malfunctions be avoided?	Ensure proper switch cable connections and dip switch settings for multi-function switches. Sensor switches should be installed with the TOP lettering on the switch pointing upwards.																																				
How is consistent color temperature guaranteed?	Häfele makes high demands on the selection of the materials. All Häfele LED strips contain high-quality and long-lasting LEDs from industry leading suppliers. Häfele sets very tight quality specifications to ensure consistent color temperature throughout the product line.																																				
What is the maximum wattage that I can connect to a device output of the driver?	12 V systems: 12 V x 5.0 A = 60 W with a 60 W driver 24 V systems: 24 V x 3.75 A = 90 W with a 90 W driver																																				
How long may the lead between the driver and the device be?	The maximum lead length from the Häfele driver to the device is 10 m (32' 9 11/16"). Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable. These lead to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver. (12 V or 24 V).																																				
What is AWG?	AWG stands for American Wire Gauge. It is the coding for wire diameters in electrical leads that are mainly used in North America. This identifies the cross-section of wires in electrical leads that consist of stranded or solid core wire.																																				
What is the current carrying capacity of my cable?	Häfele allows the following current carrying capacity and wattage: <table><tr><th>Type of cable</th><th colspan="2">24 AWG</th><th colspan="2">22 AWG</th><th colspan="2">20 AWG</th><th colspan="2">18 AWG</th></tr><tr><td>Current carrying capacity</td><td colspan="2">1.5 A</td><td colspan="2">2.5 A</td><td colspan="2">3.5 A</td><td colspan="2">5.0 A</td></tr><tr><td>Voltage</td><td>12 V</td><td>24 V</td><td>12 V</td><td>24 V</td><td>12 V</td><td>24 V</td><td>12 V</td><td>24 V</td></tr><tr><td>Wattage</td><td>18 W</td><td>36 W</td><td>30 W</td><td>60 W</td><td>42 W</td><td>84 W</td><td>60 W</td><td>90 W</td></tr></table> The type of cable is imprinted on the coating of the cable. 	Type of cable	24 AWG		22 AWG		20 AWG		18 AWG		Current carrying capacity	1.5 A		2.5 A		3.5 A		5.0 A		Voltage	12 V	24 V	12 V	24 V	12 V	24 V	12 V	24 V	Wattage	18 W	36 W	30 W	60 W	42 W	84 W	60 W	90 W
Type of cable	24 AWG		22 AWG		20 AWG		18 AWG																														
Current carrying capacity	1.5 A		2.5 A		3.5 A		5.0 A																														
Voltage	12 V	24 V	12 V	24 V	12 V	24 V	12 V	24 V																													
Wattage	18 W	36 W	30 W	60 W	42 W	84 W	60 W	90 W																													
Can an LED flexible strip light be used behind acrylic glass?	Yes, however the acrylic glass increases the color variations (binning) up to four times and minimal color deviations are therefore more visible.																																				
Can Loox lights be operated using multiple switches?	Yes, up to three wired switches can be connected to the 6-way multi-switch distributor (see page 258). With Häfele's Connect Mesh wireless controls, multiple wireless switches or remotes can be paired with several Connect Mesh distributors using the Connect Mesh mobile app or directly with EasyPairing.																																				
Can Loox lights be used in RVs/boats/cars?	Yes. Our LED strip lights can be used; however, it is important to note that the voltage peaks may reduce the lifetime. We also offer Constant Current LED strips with a special IC chip that compensates for voltage fluctuations of the vehicle power sources without problems.																																				
Can I use Loox in a sauna/shower?	Yes. Our COB Complete silicone strip lights provide IP67 protection when installed, which is sufficient for most applications. The LED strips can be operated in temperatures up to 60° C (140° F). However, it must be ensured that the driver and power cord remain dry, and are installed in locations with a max. ambient temperature of 45° C (113° F).																																				
Why are my LED lights flashing?	Flashing is typically a sign of an overloaded driver. Use a higher wattage driver, or reduce the number of lights.																																				

LIGHT EFFECTS AND LIGHTING TECHNOLOGY

Cone of light



Recommendation for illumination of interior rooms

Interior room type	Illuminance in Lux at 500 mm	Color temperature
Kitchen, dining area	300–500	2700–4000 K
Store fixtures, galleries	300–500	4000–6500 K
Bedroom, living room	200–300	2700–4000 K
Bathroom	200–500	3500–4000 K
Storage room	100	4000–5000 K
Orientation light, hallway, wardrobe	10–50	4000–5000 K

Conversion chart

Wattage		Luminus Flux			
W/m	W/ft.	lm/m	lm/ft.	lm/m	lm/ft.
4.8	1.5	415	127	970	296
9.6	3.0	425	130	990	302
14.4	4.5	440	134	1000	305
19.2	6.0	455	139	1030	314
		460	140	1040	317
		465	142	1060	323
		480	146	1080	329
		490	149	1230	375
		495	151	1270	387
		530	162	1305	398
		810	247	1340	409
		820	250	1370	418
		825	252	1430	436
		860	262	1520	464
		870	265	1605	490
		900	275	1650	503
		905	276	1850	564
		920	281	2015	615
		930	284	2050	625
		945	288	2100	641
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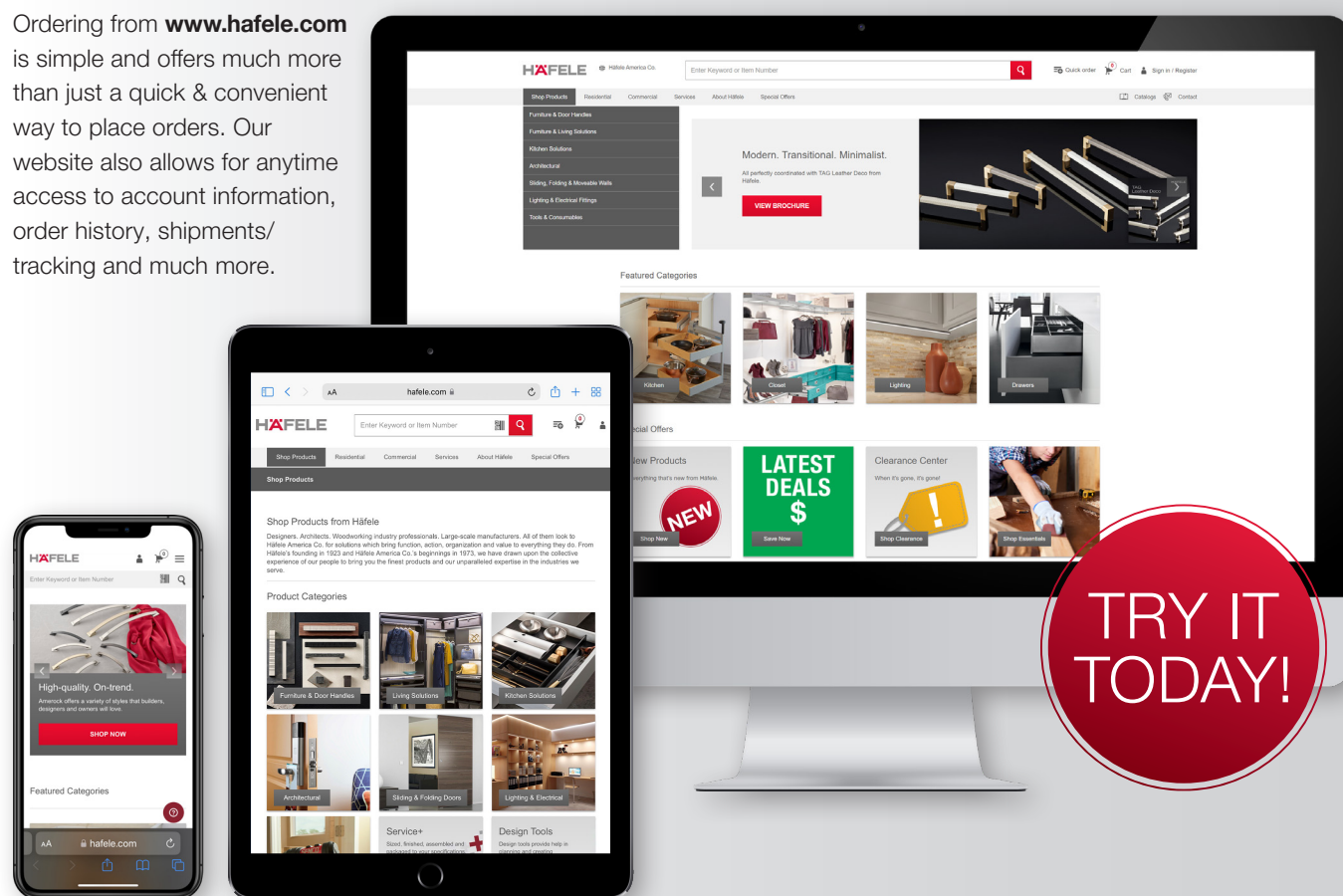
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