

LIGHTING SOLUTION FOR
FURNITURE&CABINETS&DISPLAYS
PRODUCT CATALOG 2026

LIGHTING SOLUTION FOR
FURNITURE & CABINETS & DISPLAYS

2026 | PRODUCT
CATALOG



CONTENTS



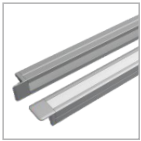
SHELF LIGHT

Recessed Mounting



Slim Series
SL-0810S

31



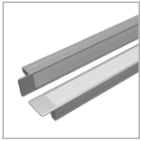
Slim Series
SL-0910A/SL-0910B (Tilted)

33



Slim Series
SL-1010C (Solder-free)

37



Slim Series
SL-1512 (Tilted) / SL-1512B

39



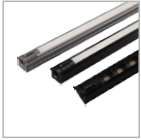
High-end Pro Series
SL-813 Diffuser

43



High-end Pro Series
SL-814 (Diffuser/Grille)

45



High-end Pro Series
SL-812 (Diffuser/Grille)

49



Slight Series 3mm
NS-232 (No Trim) / NS-234 (Trim)

53



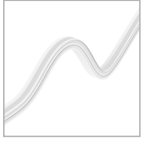
Slight Series 4mm
NS-211 (No Trim) / NS-212 (Trim) /
NS-233 (Translucent Trim)

57



Slight Series 5mm
NS-218 (White/Black Trim)

63



Angled Series
NS-192

65

FRONT-EDGE SHELF LIGHT

Recessed Mounting



Angle Series
SL-3314

67

REAR-EDGE SHELF LIGHT

Recessed Mounting



Glowedge Series
SL-1826

69



Glowedge Series
SL-1019

71



Glowedge Series
SL-0818B (Solder-free)

73

GLASS SHELF LIGHT

Recessed Mounting



Glowedge Series
SL-1218

75

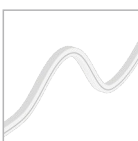
SIDE PANEL LIGHT

Recessed Mounting



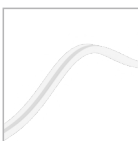
Mini Series
SL-0806

77



Mini Series
NS-170

79



Angle Series
NS-111 (No Trim)/NS-152 (Trim)

81

HANDLELESS CABINET LIGHT

Recessed Mounting



Handleless Cab-Light Series
SL-2118

85



Handleless Cab-Light Series
SL-2560

87

TOE KICK LIGHT

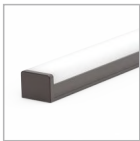
Recessed Mounting



Toe-Kick Light Series
SL-1060

89

SHELF LIGHT Surface Mounting

	Slim Series SL-1209	
91		
	High-end Pro Series SL-810 (Diffuser/Grille)	   
93		
	Pureflow Series 8mm NS-175	
97		
	Pureflow Series 10mm NS-176	
99		
	Pureflow Series 12mm NS-172	
101		
	Pureflow Series 12mm NS-177	
103		

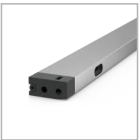
SHELF LIGHT Surface Corner Mounting

	Angled Series SL-1611	
105		
	High-end Pro Series SL-811 (Diffuser/Grille)	   
107		
	Angled Series NS-165	
111		
	Angled Series NS-613	
113		

DRAWER LIGHT Surface Mounting

	Drawer Light Series SL-2210A	
115		

BASE CABINT LIGHT Surface Mounting

	Base Cab-Light SL-2210B	
117		

SHELF/UNDER CABINET LIGHT Surface Mounting

	Link Flow Series SL-400 (24VDC)	
119		
	AC Link CubeX Series SL-100 DIM (220-240VAC)	
121		
	AC Nexus Series SL-910 (220-240VAC)/(110-120VAC)	
123		
	AC Nexus Hinge Series SL-920 (110-120VAC)	
127		

POWER SUPPLY

	PGV Series (220-240VAC) On/Off	
130		
	TFL Series (100-277VAC) On/Off/Triac/4in1 Dimmable	
131		
	TPL Series (100-277VAC) On/Off/Triac/4in1 Dimmable	
134		

SENSOR SWITCH

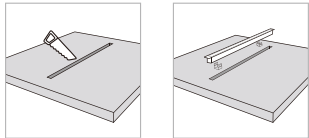
	PIR Sensor GLRES-B1203B-PIR	
138		
	Single Door Contact Sensor GLRES-B1203B-M1	
139		
	Double Door Contact Sensor GLRES-B1203B-M2	
140		
	Hand Sweep Sensor GLRES-B1203B-IR	
141		
	Touch Sensor GLRES-B1203B-T1	
142		

CONNECTION & WIRING

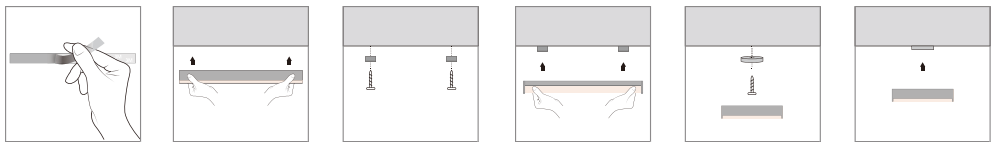
	Distribution Box	
143		

WIDE VARIETY OF INSTALLATION AND LIGHTING EMITTING METHODS

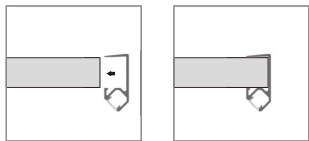
Recessed
Mounting



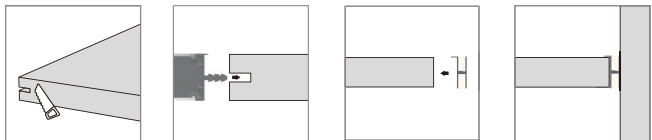
Surface
Mounting



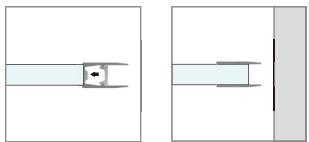
Embed To
The Front
Of Shelf



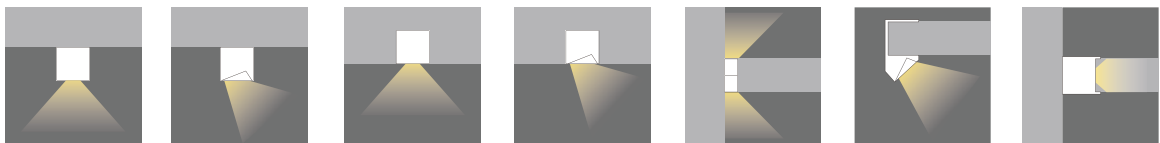
Embed To
The Rear
Of Shelf



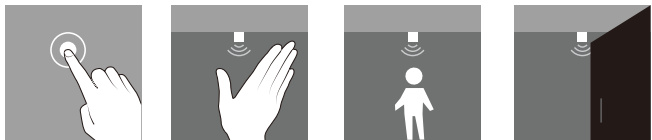
Clip To The
Class Shelf



Lighting
Mode



Control
Mode



ERP AND ECODESIGN FOR EU



Regulation 2019/2020 & 2019/2015

Regulation (EU) No. 2019/2020 on Ecodesign outlines the required energy performance and environment levels

Regulation (EU) No. 2019/2015 on Energy labelling Labels outlining the efficiency band for lighting products

New ERP compliant products

The latest stage of the Energy related Products (ErP) directive that covers lighting products came into effect on the 30th September 2021

“Customer support for products compliant with the new EU directive”

ENERGY EFFICIENCY CLASSES AND CALCULATION METHOD

The energy efficiency class of light sources shall be determined as set out in Table1, on the basis of the total mains efficacy η_{TM} , which is calculated by dividing the declared useful luminous flux Φ_{use} (expressed in lm) by the declared on-mode power consumption P_{on} (expressed in W) and multiplying by the applicable factor FTM of Table 2, as follows: $\eta_{TM} = (\Phi_{use} / P_{on}) \times FTM \text{ (lm/W)}$.

Table 1 - Energy efficiency classes of light sources

Energy efficiency class	Total mains efficacy η_{TM} (lm / W)
A	$210 \leq \eta_{TM}$
B	$185 \leq \eta_{TM} < 210$
C	$160 \leq \eta_{TM} < 185$
D	$135 \leq \eta_{TM} < 160$
E	$110 \leq \eta_{TM} < 135$
F	$85 \leq \eta_{TM} < 110$
G	$\eta_{TM} < 85$

Table 2 - Factors FTM by light source type

Light source type	Factor F_{TM}
Non-directional (NDLS) operating on mains (MLS)	1.000
Non-directional (NDLS) not operating on mains (NMLS)	0.926
Directional (DLS) operating on mains (MLS)	1.176
Directional (DLS) not operating on mains (NMLS)	1.089

ECODESIGN REQUIREMENTS

For the purposes of compliance and verification of compliance with the requirements of this Regulation, measurements and calculations shall be made using harmonised standards the reference numbers of which have been published for this purpose in the Official Journal of the European Union, or other reliable, accurate and reproducible methods, which take into account the generally recognised state-of-the-art.

1. Energy efficiency requirements:

- a. From 1 September 2021, the declared power consumption of a light source P_{on} shall not exceed the maximum allowed power P_{onmax} (in W), defined as a function of the declared useful luminous flux Φ_{use} (in lm) and the declared colour rendering index CRI (–) as follows:
 $P_{onmax} = C \times (L + \Phi_{use} / (F \times \eta)) \cdot R$;
where:
- The values for threshold efficacy (η in lm/W) and end loss factor (L in W) are specified in Table 1, depending on the light source type. They are constants used for computations and do not reflect true parameters of light sources. The threshold efficacy is not the minimum required efficacy; the latter can be computed by dividing the useful luminous flux by the computed maximum allowed power.
 - Basic values for correction factor (C) depending on light source type, and additions to C for special light source features are specified in Table 2.
 - Efficacy factor (F) is:
 - 1,00 for non-directional light sources (NDLS, using total flux)
 - 0.85 for directional light sources (DLS, using flux in a cone)
 - CRI factor (R) is:
 - 0.65 for $CRI \leq 25$;

Table 1 - Thres hold efficacy (η) and end loss factor (L)

Light source description	η [lm / W]	L [W]
LFL T5-HE	98.8	1.9
LFL T5-HO, $4000 \leq \Phi \leq 5000$ lm	83.0	1.9
LFL T5-HO, other lm output	79.0	1.9
FL T5 circular	79.0	1.9
FL T8 (including FL T8 U-shaped)	89.7	4.5
From 1 September 2023, for FL T8 of 2-, 4-and 5-foot	120.0	1.5
Magnetic induction light source, any length/flux	70.2	2.3
FL T9 circular	71.5	6.2
HPS single-ended	88.0	50.0
HPS double-ended	78.0	47.7
MH ≤ 405 W single-ended	84.5	7.7
MH > 405 W single-ended	79.3	12.3
MH ceramic double-ended	84.5	7.7
MH quartz double-ended	79.3	12.3
Organic light-emitting diode (OLED)	65.0	1.5
Until 1 September 2023: HL G9, G4 and GY6.35	19.5	7.7
HL R7s ≤ 2700 lm	26.0	13.0
Other light sources in scope not mentioned above	120.0	1.5*

*For connected light sources (GLS) a factor $L=2.0$ shall be applied

ECODESIGN REQUIREMENTS

Table 2 - Correction factor C depending on light source characteristics

Light source type	Basic C value	Special light source feature	Bonus on C
Non-directional (NDLS) not operating on mains (NMLS)	1.0	FL or HID with CCT >5000 K	+0.10
Non-directional (NDLS) operating on mains (MLS)	1.08	FL with CRI > 90	+0.10
Directional (DLS) not operating on mains (NMLS)	1.15	HID with second envelope	+0.10
Directional (DLS) operating on mains (MLS)	1.23	MH NDLS >405 W with non-clear envelope	+0.10
		DLS with anti-glare shield	+0.20
		Colour-tuneable light source (CTLS)	+0.10
		High luminance light sources (HLLS)	+0.0058 x Luminance-HLLS - 0.0167

Where applicable, bonuses on correction factor C are cumulative.
The bonus for HLLS shall not be combined with the basic C-value for DLS (basic C-value for NDLS shall be used for HLLS).
Light sources that allow the end-user to adapt the spectrum and/or the beam angle of the emitted light, thus changing the values for useful luminous flux, colour rendering index (CRI) and/or correlated colour temperature (CCT), and/or changing the directional/non-directional status of the light source, shall be evaluated using the reference control settings.
The standby power P_{sb} of a light source shall not exceed 0.5 W.
The networked standby power P_{net} of a connected light source shall not exceed 0.5 W.
The allowable values for P_{sb} and P_{net} shall not be added together.

Table 3 - Minimum energy efficiency for separate control gear at full-load

Declared output power of the control gear (P _{cg}) or declared power of the light source (P _{ls}) in W, as applicable	Minimum energy efficiency
Control gear for HL light sources	
All wattages P _{cg}	0.91
Control gear for FL light sources	
P _{ls} ≤ 5	0.71
5 < P _{ls} ≤ 100	P _{ls} /(2 x √(P _{ls} /36)+38/36 x P _{ls} +1)
100 < P _{ls}	0.91
Control gear for HID light sources	
P _{ls} ≤ 30	0.78
30 < P _{ls} ≤ 75	0.85
75 < P _{ls} ≤ 105	0.87
105 < P _{ls} ≤ 405	0.90
405 < P _{ls}	0.92
Control gear for LED or OLED light sources	
all wattages P _{cg}	P _{cg} ^{0.81} / (1.09 x P _{cg} ^{0.81} +2.10)

Multi-wattage separate control gears shall comply with the requirements in Table 3 according to the maximum declared power on which they can operate. The no-load power P_{no} of a separate control gear shall not exceed 0.5 W. This applies only to separate control gear for which the manufacturer or importer has declared in the technical documentation that it has been designed for noload mode.
The standby power P_{sb} of a separate control gear shall not exceed 0.5 W.
The networked standby power P_{net} of a connected separate control gear shall not exceed 0.5 W. The allowable values for P_{sb} and P_{net} shall not be added together.

ECODESIGN REQUIREMENTS

2. Functional requirements

From 1 September 2021, the functional requirements specified in Table 4 shall apply for light sources:

Table 4 - Functional requirements for light sources

Colour rendering	CRI ≥ 80 (except for HID with Φ _{use} > 4 klm and for light sources intended for use in outdoor applications, industrial applications or other applications where lighting standards allow a CRI<80, when a clear indication to this effect is shown on the light source packaging and in all relevant printed and electronic documentation)
Displacement factor (DF, cos Φ1) at power input P _{on} for LED and OLED MLS	No limit at P _{on} ≤ 5 W, DF ≥ 0.5 at 5 W < P _{on} ≤ 10 W, DF ≥ 0.7 at 10 W < P _{on} ≤ 25 W DF ≥ 0.9 at 25 W < P _{on}
Lumen maintenance factor (for LED and OLED)	The lumen maintenance factor X _{LMF} % after endurance testing according to Annex V shall be at least X _{LMF,MIN} % calculated as follows: $X_{LMF,MIN} \% = 100 \times e^{\frac{300 \times \ln(0.7)}{L70}}$ where L70 is the declared L70B50 lifetime (in hours) If the calculated value for X _{LMF,MIN} exceeds 96.0 %, an X _{LMF,MIN} value of 96.0 % shall be used
Survival factor (for LED and OLED)	Light sources should be operational as specified in row “Survival factor (for LED and OLED)” of Annex IV, Table 6, following the endurance testing given in Annex V.
Colour consistency for LED and OLED light sources	Variation of chromaticity coordinates within a six-step MacAdam ellipse or less.
Flicker for LED and OLED MLS	P _{st} ^{LM} ≤ 1.0 at full-load
Stroboscopic effect for LED and OLED MLS	SVM ≤ 0.4 at full-load (except for HID with Φ _{use} > 4 klm and for light sources intended for use in outdoor applications, industrial applications or other applications where lighting standards allow a CRI<80)

QUALITY OF LIGHT

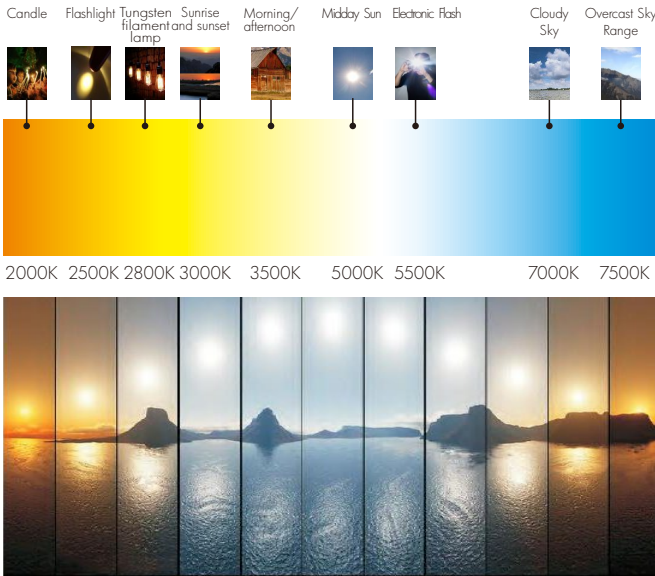
Without light, it would be impossible to view the world around us. Light illuminates objects for us to see and the spectrum emitted by a light source provides the colour in these objects. Variants of color offers advantages for different lighting applications. The lighting industry uses several tools-Kelvin, CCT, CRI, R-values and TM-30-to describe colour characteristics and light quality. With the development of LED technology the quality of electric light has been changed forever. LED sources illuminate objects for us to see and now feel the full range of colours within these objects. New lighting technology takes advantage of a wide variety of colours to meet your and your customers application needs.

THE CORRELATED COLOR TEMPERATURE SCALE

The Kelvin based CCT (Correlated Colour Temperature), is a scale used in lighting to measure the colour temperature of a luminaire. It puts specifics to the description of the appearance of white light as “warm”, “neutral” or “cool” (CCT chart, below).

The colour chosen for an application may vary based on the use of the space and the material being illuminated. For example, “warmer” light is very popular in residential applications while “cool” light is more prevalent in commercial and industrial spaces. We offer a wide variety of options to meet your needs for any lighting application.

CORRELATED COLOUR TEMPERATURE(CCT) LIGHT RANGE COMPARISON CHART



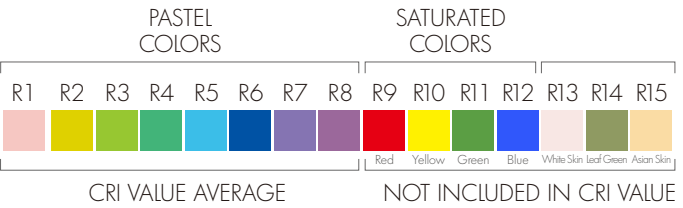
General Lighting offers a wide range of products and solution to illuminate your space.

METRIC	SCALE	DESCRIPTION
Fidelity Index (Rf) 	0-100	A measurement of fidelity comparable to CIE CRI (Ra) but averages the values of 99 colour samples instead of 8. A higher value typically provides a more accurate rendition of colour in comparison to a natural light source.
Gamut Index (Rg) 	60-140	Gamut (Rg) measures the average hue and saturation (chroma) shift of a light source using 99 colour samples. A value of 60-99 indicates average desaturation. A value of 101-160 indicates average increased saturation.
Color Vector Graphic 	Visual	The Color Vector Graphic shows the relative saturation of multiple hues. It's important as it quickly conveys what types of colors are more or less saturated.
Fidelity Skin (Rf,skin) 	0-100	Fidelity Skin (Rf, skin) is an average of CES15 and CES18 skin tones. A higher value typically pro-vides natural looking 'skin tones'.
Fidelity Red (R9)	0-100	Fidelity Red (R9) derives from a single, saturated, red color sample. A higher value is important for illuminating red surfaces, wood grains and skin tones.
CIE CRI (Ra)	<0-100	CRI (Ra) is a legacy measurement of Fidelity using 8 colour samples and with an undefined lower scale. A higher value typically provides more accurate average rendition of colour. Comparably, TM-30 fidelity (Rf) is a much more im-proved metric for accurate colour rendition than CRI (Ra).

COLOUR RENDERING INDEX

A Colour Rendering Index (CRI) is the most useful measure of a colour characteristic of a light source, which is the measure of the ability of a light source to reveal the colours of various objects faithfully in comparison with an ideal or natural light source like the sun (CRI 100) or an incandescent bulb. To avoid under or over saturated objects and mute colors, CRI must be in a range of 80-98 CRI, specially in retail, food and art environments, making surfaces appear colourful, vibrant and natural.

CRI is calculated using eight reference samples in CIE 1995 colour space, called R-values, the highest values are very important for illuminating skin tones, retail object and food. Our LED are made to deliver highest R-values.



A BRIEF LOOK INTO TM-30:

IES TM-30-15 is a new color rendering system that remedies flaws/limitations of CRI, providing complementary and more detailed information that benefits both specifiers and manufacturers. The much wider range of colors is a more accurate reflection of the real world – allowing you to show detailed colors for skin tones, wood grains, decorative art, furnishings, merchandising and more. While CRI isn’t going anywhere soon, it’s important to familiar-ize yourself with the new TM-30 metrics as they will become more common in years to come.

TM-30 COLOR CHART

TM-30 measures against 99 color samples, all used to provide Fidelity (Rf), Gamut (Rg) and Color Vector Graphics.

CES 1	CES 2	CES 3	CES 4	CES 5	CES 6	CES 7	CES 8
Type C	Type C	Type A	Type A	Type D	Type C	Type E	Type D
CES 9	CES 10	CES 11	CES 12	CES 13	CES 14	CES 15	CES 16
Type F	Type G	Type C	Type A	Type F	Type E	Type B	Type C
CES 17	CES 18	CES 19	CES 20	CES 21	CES 22	CES 23	CES 24
Type C	Type B	Type E	Type F	Type D	Type D	Type G	Type E
CES 25	CES 26	CES 27	CES 28	CES 29	CES 30	CES 31	CES 32
Type A	Type C	Type A	Type G	Type C	Type A	Type D	Type C
CES 33	CES 34	CES 35	CES 36	CES 37	CES 38	CES 39	CES 40
Type D	Type G	Type G	Type A	Type A	Type A	Type F	Type F
CES 41	CES 42	CES 43	CES 44	CES 45	CES 46	CES 47	CES 48
Type C	Type F	Type C	Type F	Type G	Type E	Type C	Type D
CES 49	CES 50	CES 51	CES 52	CES 53	CES 54	CES 55	CES 56
Type D	Type F	Type F	Type F	Type E	Type F	Type G	Type G
CES 57	CES 58	CES 59	CES 60	CES 61	CES 62	CES 63	CES 64
Type C	Type D	Type E	Type G	Type F	Type C	Type F	Type E
CES 65	CES 66	CES 67	CES 68	CES 69	CES 70	CES 71	CES 72
Type F	Type E	Type E	Type F	Type F	Type F	Type F	Type F
CES 73	CES 74	CES 75	CES 76	CES 77	CES 78	CES 79	CES 80
Type F	Type C	Type F	Type F	Type A	Type F	Type C	Type G
CES 81	CES 82	CES 83	CES 84	CES 85	CES 86	CES 87	CES 88
Type A	Type C	Type C	Type F	Type A	Type C	Type F	Type F
CES 89	CES 90	CES 91	CES 92	CES 93	CES 94	CES 95	CES 96
Type A	Type E	Type A	Type A	Type D	Type C	Type A	Type A
CES 97	CES 98	CES 99					
Type F	Type A	Type E					

CRI VS TM-30 RENDERING TOOLS

- CIE 13.3-1995(CRI/Ra)
- Last major update was in 1976
 - 8 main color samples (Ra), 6 special samples
 - Measures Fidelity (Ra) only

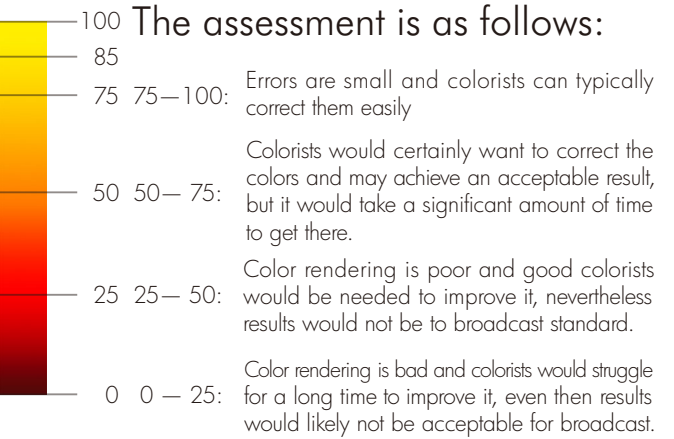
- IES TM-30-15
- Released in 2015
 - 99 color samples
 - Measures Fidelity (Rf), Gamut (Rg) and includes Color Vector

A combination of TM-30’s Fidelity (Rf), Gamut (Rg) and Colour Vector Graphic will help further clarify beyond the typical CRI metric how a test source compares to a reference source.

Television Lighting Consistency Index (TLCI)

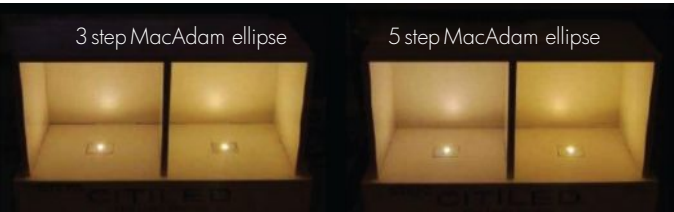
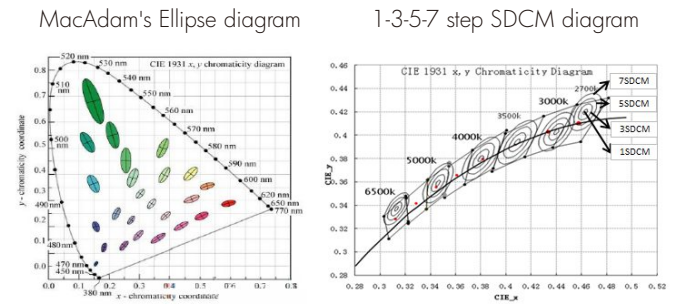


TLCI: The Television Lighting Consistency Index averages 24 colors from the MacBeth chart (which is now owned by X-Rite and is called the X-Rite ColorChecker). The maximum value is 100, with 100 being best. (Note: colors for TLCI are named below.)

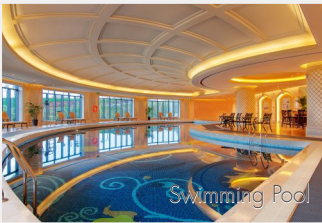


PERFECT COLOR CONSISTENCY

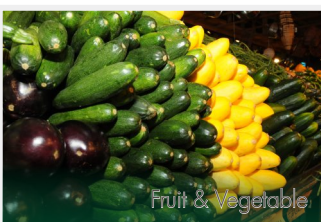
Perfect color consistency with SDCM (Standard deviation of color matching) in only 3-step and one bin as standard supply.



REFERENCE CCT VS. APPLICATION

<div>CCT</div> <div>Amber 1600K/Candle Light 1800K</div> <div><div></div></div> <div>Warm WhiteNeutral WhiteCold White</div>	 
<div>CCT</div> <div>Reddish Meat Color 1800K</div> <div><div></div></div> <div>Warm WhiteNeutral WhiteCold White</div>	 
<div>CCT</div> <div>2000K</div> <div><div></div></div> <div>Warm WhiteNeutral WhiteCold White</div>	 
<div>CCT</div> <div>2200K</div> <div><div></div></div> <div>Warm WhiteNeutral WhiteCold White</div>	 
<div>CCT</div> <div>2400K</div> <div><div></div></div> <div>Warm WhiteNeutral WhiteCold White</div>	 
<div>CCT</div> <div>2700K</div> <div><div></div></div> <div>Warm WhiteNeutral WhiteCold White</div>	 

REFERENCE CCT VS. APPLICATION

<div>CCT</div> <div>3000K</div> <div><div></div></div> <div>Warm WhiteNeutral WhiteCold White</div>	 
<div>CCT</div> <div>3500K</div> <div><div></div></div> <div>Warm WhiteNeutral WhiteCold White</div>	 
<div>CCT</div> <div>4000K</div> <div><div></div></div> <div>Warm WhiteNeutral WhiteCold White</div>	 
<div>CCT</div> <div>5000K</div> <div><div></div></div> <div>Warm WhiteNeutral WhiteCold White</div>	 
<div>CCT</div> <div>6500K</div> <div><div></div></div> <div>Warm WhiteNeutral WhiteCold White</div>	 
<div>CCT</div> <div>8000K</div> <div><div></div></div> <div>Warm WhiteNeutral WhiteCold White</div>	 

VARIOUS OF PRODUCT SPECIFICATION AND COMBINATION

LED	Package	3528 / 5050 / 2835 / 2216 / 3014 / 4040 / 3535 / 4020 / 5630 / 3030
	Brand	Nicha / Osram / Samsung / Seoul / Philip / Bridgelux / Guangmu
	Voltage	3 / 6 / 9 / 18 / 24V
	Power	0.06 / 0.1 / 0.2 / 0.5 / 1W
	Color	White / Red / Green / Blue / Yellow / Orange / Amber / Pink / Purple / CCT / RGB / RGBW / RGBA / RGBCCT / RGBACCT / Special Color
	CCT	1600 / 1800 / 2000 / 2200 / 2400 / 2700 / 3000 / 3500 /4000 / 5000 / 6500 / 7500 / 10000K
	CRI	80+ / 90+ / 95+ / 97+ Full-Spectrum
	SDCM	1 / 2 / 3 / 5 step
PCB	Base Material	Flex / Rigid FR4 / Rigid Aluminum
	Cover Film Color	white / brown / black / gray / red / green / blue
	Voltage	5 / 12 / 24 / 36 / 48VDC / 120VAC / 230VAC
	Width	3.5 / 4 / 5 / 6 / 8 / 10 / 12 / 14 / 16 / 18 / 20 / 25 / 240 / 300mm
	Copper Layer	1 / 2 layers
	Solder Pad Surface Treatment	OSP(Organic Solderability Preservatives) / ENIG(Immersion Gold) / Immersion Tin
Waterproof	Copper Thinkness	1 / 2 / 3 / 4oz (1oz≧35um)
	Shape	Linear / Square / Rectangle / Circle / Annular / Irregular
	IP Rating	IP20 / IP54 / IP54 Thin / IP54 Plus / IP65 / IP67 / IP67 Plus Thin / IP67 Plus / IP68
Connector	Type	PCB to PCB / Cable to PCB
	Pin QTY	2 / 3 / 4 / 5 / 6 pins
	Match PCB Width	5 / 8 / 10 / 12mm
	Max. Density	≦90LED/M / ≦120LED/M / ≦240LED/M / ≦300LED/M
	IP Rating	IP20 / IP54 / IP65
Aluminum Profile	Color	Silver / Black / White
	Cover	Milky / Transparent / Black / Prismatic
	Match PCB Width	3.5 / 4 / 5 / 6 / 8 / 10 / 12 / 14 / 16 / 18 / 20 / 25 / 40 / 50 / 60mm
	Installation	Surface mounted / recessed mounted / corner mounted / suspension mounted
Driver	Type	Desktop / wall-mount / industrial / LED exclusive in C.V. & C.C.
Controller	Control Method	RF / DALI / triac / bluetooth / WIFI / 0-10V / 1-10V / APP
Warranty		3 / 5 years
Certification		CE / ErP / CB / ENEC / RCM / CCC / RoHS / SAA / UL / ETL / LM79 / LM80

WIRE GAUGE SELECTION ACCORDING TO THE DISTANCE BETWEEN DRIVER AND LOAD

(Always choice a nearest value for following calculation)

(1st step: calculate the Max. load power/current; 2nd step: measure the distance between driver and load; 3rd step: select the suggested wire gauge)

24V Voltage Drop & Wire Length Distance (3% Drop or 23.28V)												
Load Wire	20W 0.83A	30W 1.3A	40W 1.7A	50W 2.1A	60W 2.5A	70W 2.9A	80W 3.3A	90W 3.75A	100W 4.2A	150W 6.25A	200W 8.33A	300W 12.5A
20AWG	13.1m [43ft.]	8.2m [27ft.]	6.4m [21ft.]	5.2m [17ft.]	4.3m [14ft.]	3.7m [12ft.]	3.1m [10ft.]	2.7m [9ft.]	2.4m [8ft.]	1.2m [4ft.]	Don't Use	Don't Use
18AWG	20.7m [68ft.]	13.7m [45ft.]	10.1m [33ft.]	8.2m [27ft.]	6.7m [22ft.]	5.8m [19ft.]	5.2m [17ft.]	4.6m [15ft.]	4.3m [14ft.]	2.1m [7ft.]	1.5m [5ft.]	1m [3.5ft.]
16AWG	33.2m [109ft.]	21.9m [72ft.]	16.5m [54ft.]	13.1m [43ft.]	11m [36ft.]	9.4m [31ft.]	8.2m [27ft.]	7.3m [24ft.]	6.7m [22ft.]	3.4m [11ft.]	2.7m [9ft.]	1.73m [5.7ft.]
14AWG	53m [174ft.]	35.1m [115ft.]	26.2m [86ft.]	21m [69ft.]	17.4m [57ft.]	14.9m [49ft.]	13.1m [43ft.]	11.9m [39ft.]	11m [36ft.]	5.8m [19ft.]	4.3m [14ft.]	2.7m [9ft.]
12AWG	82.9m [272ft.]	55.2m [181ft.]	41.1m [135ft.]	32.9m [108ft.]	27.4m [90ft.]	23.5m [77ft.]	20.7m [68ft.]	18.6m [61ft.]	17.1m [56ft.]	9.1m [30ft.]	6.7m [22ft.]	4.6m [15ft.]
10AWG	121m [397ft.]	80.2m [263ft.]	60m [197ft.]	48.2m [158ft.]	39.9m [131ft.]	36.9m [121ft.]	29.9m [98ft.]	29.6m [97ft.]	25m [82ft.]	13.7m [45ft.]	13.7m [35ft.]	6.9m [22.7ft.]

12V Voltage Drop & Wire Length Distance (3% Drop or 11.64V)												
Load Wire	20W 1.66A	30W 2.5A	40W 3.3A	50W 4.2A	60W 5A	70W 5.8A	80W 6.7A	90W 7.5A	100W 8.3A	150W 12.5A	200W 16.6A	300W 25A
20AWG	2.7m [9ft.]	1.8m [6ft.]	1.5m [5ft.]	1.2m [4ft.]	0.9m [3ft.]	0.6m [2ft.]	Don't Use	Don't Use	Don't Use	Don't Use	Don't Use	Don't Use
18AWG	5.2m [17ft.]	3.4m [11ft.]	2.4m [8ft.]	1.8m [6ft.]	1.5m [5ft.]	1.2m [4ft.]	1m [3.4ft.]	0.9m [3ft.]	0.8m [2.7ft.]	0.5m [1.8ft.]	0.4m [1.3ft.]	Don't Use
16AWG	8.2m [27ft.]	5.5m [18ft.]	4m [13ft.]	3.1m [10ft.]	2.7m [9ft.]	1.9m [6.2ft.]	1.6m [5.4ft.]	1.5m [4.8ft.]	1.4m [4.5ft.]	0.9m [2.9ft.]	0.6m [2.1ft.]	0.4m [1.4ft.]
14AWG	13.1m [43ft.]	8.8m [29ft.]	6.4m [21ft.]	5.2m [17ft.]	4.3m [14ft.]	3m [9.8ft.]	2.6m [8.5ft.]	2.3m [7.7ft.]	2.1m [7ft.]	1.4m [4.6ft.]	1m [3.4ft.]	0.7m [2.3ft.]
12AWG	20.7m [68ft.]	13.7m [45ft.]	10.4m [34ft.]	8.2m [27ft.]	6.7m [22ft.]	4.9m [16ft.]	4.1m [13.5ft.]	3.7m [12ft.]	3.4m [11ft.]	2.3m [7.4ft.]	1.7m [5.5ft.]	1.1m [3.6ft.]
10AWG	30.2m [99ft.]	20.1m [66ft.]	14.9m [49ft.]	11.9m [39ft.]	10.1m [33ft.]	7.6m [25ft.]	7.5m [24.5ft.]	5.9m [19.5ft.]	5.5m [18ft.]	3.5m [11.6ft.]	2.6m [8.6ft.]	1.8m [6ft.]

48V Voltage Drop & Wire length Distance (1% Drop or 47.5V)												
Load Wire	20W 1.66A	30W 2.5A	40W 3.3A	50W 4.2A	60W 5A	70W 5.8A	80W 6.7A	90W 7.5A	100W 8.3A	150W 12.5A	200W 16.6A	300W 25A
20AWG	17.2m [56.4ft.]	11.4m [37.4ft.]	8.7m [28.5ft.]	6.9m [22.6ft.]	5.7m [18.7ft.]	4.9m [16.1ft.]	4.3m [14.1ft.]	3.8m [12.5ft.]	3.4m [11.2ft.]	2.3m [7.5ft.]	Don't Use	Don't Use
18AWG	27.2m [89.2ft.]	18.2m [59.7ft.]	13.8m [45.3ft.]	10.9m [35.8ft.]	9.2m [30.2ft.]	7.8m [25.6ft.]	6.8m [22.3ft.]	6.1m [20ft.]	5.5m [18ft.]	3.6m [11.8ft.]	2.7m [8.9ft.]	Don't Use
16AWG	43.2m [141.7ft.]	29.1m [95.5ft.]	21.9m [71.9ft.]	17.5m [57.4ft.]	14.6m [47.9ft.]	12.5m [41ft.]	10.9m [35.8ft.]	9.7m [31.8ft.]	8.8m [28.9ft.]	5.8m [19ft.]	4.4m [14.4ft.]	Don't Use
14AWG	68.6m [225.1ft.]	46.2m [151.6ft.]	34.8m [114.2ft.]	27.8m [91.2ft.]	23.1m [75.8ft.]	19.8m [65ft.]	17.3m [56.8ft.]	15.4m [50.5ft.]	13.9m [45.6ft.]	9.3m [30.5ft.]	6.9m [22.6ft.]	4.6m [15.1ft.]
12AWG	109.2m [358.3ft.]	73.4m [240.8ft.]	55.4m [181.8ft.]	44.2m [145ft.]	36.7m [120.4ft.]	31.4m [103ft.]	27.5m [90.2ft.]	24.4m [80.1ft.]	22.1m [72.5ft.]	14.7m [48.2ft.]	10.9m [35.8ft.]	7.4m [24.3ft.]
10AWG	173.6m [569.6ft.]	116.6m [382.5ft.]	87.8m [288.1ft.]	70.2m [230.3ft.]	58.4m [191.6ft.]	50.2m [164.7ft.]	43.8m [143.7ft.]	38.8m [127.3ft.]	35.2m [115.5ft.]	23.3m [76.4ft.]	17.5m [57.4ft.]	11.7m [38.4ft.]

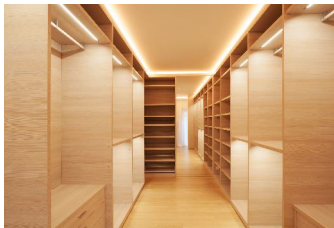
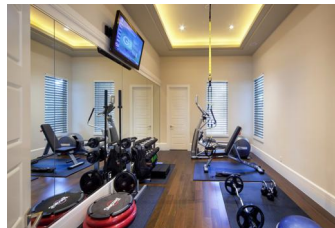
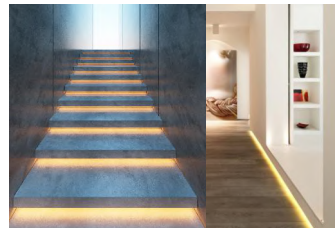


LIGHT

is everywhere needed,
in various of functional areas of home.



Residence Functional Area Division vs. Lighting Application

1	Living Room			
		Entrance / Corridor	Shoecase	TV cabinet
2	Bedroom			
		Shelf	Wardrobe	Clothes Hanger
3	Study Room			
		Bookcase	Bookcase	Bookcase
4	Kitchen			
		Cupboard	Cupboard	Drawer
5	Bathroom			
		Mirror	Dressing Cabinet	Show Case
6	Other Room & Public Areas			
		Storage Room	Gym	Stair & Wall Washer

SHELF LIGHT Recessed Mounting



Application
Ideal for furniture, cabinet, and retail display lighting:
cupboards, under-cabinet lights, showcases.



SHELF LIGHT Recessed Mounting

Slim Series

Product Feature

- Product and cabinet are integrated by recessed mounting, soft and dot free performance with slim size body.

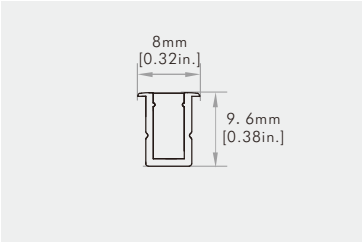


Part No.:	SL-0810S
Appearance:	Iron grey
Dimension:	W8xH9.6mm [W0.32xH0.38in.]
Length:	Customizable, Max.3M [118in.]
Increment:	5.95mm [0.23in.]
Installation:	Recessed (Clips)

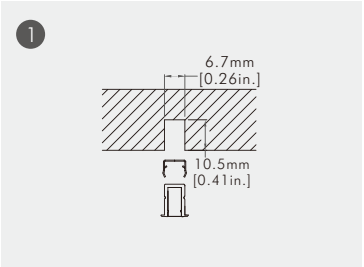
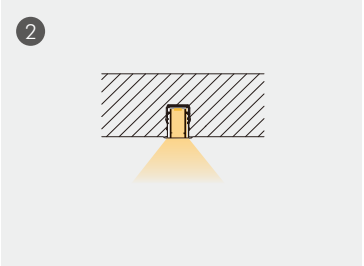
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	192 lm/M [59 lm/ft.]@4000K
Light Efficiency:	24 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

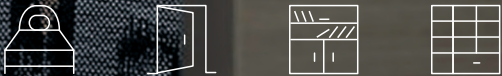


SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinet, and retail display lighting: cupboards, under-cabinet lights, showcases.



SHELF LIGHT Recessed Mounting

Slim Series

Product Feature

- Product and cabinet are integrated by recessed mounting, soft and dot free performance with slim size body.

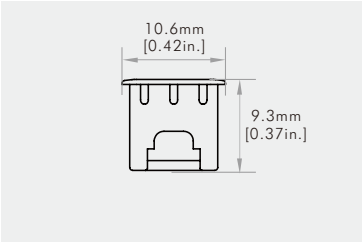


Part No.:	SL-0910A
Appearance:	Iron grey
Dimension:	W10.6xH9.3mm [W0.42xH0.37in.]
Length:	Customizable, Max.3M [118in.]
Increment:	5.95mm [0.23in.]
Installation:	Recessed (Clips)

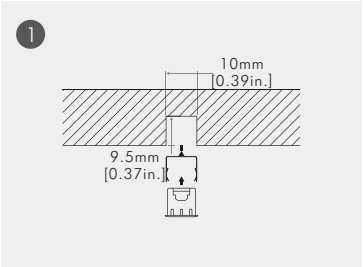
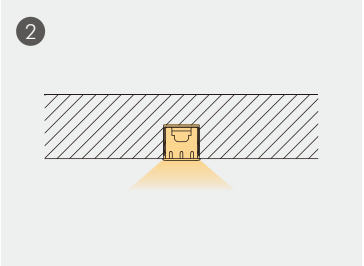
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	160 lm/M [49 lm/ft.]@4000K
Light Efficiency:	20 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinet, and retail display lighting: cupboards, under-cabinet lights, showcases.



SHELF LIGHT Recessed Mounting

Slim Series

Product Feature

- Product and cabinet are integrated by recessed mounting, soft and dot free performance with slim size body.

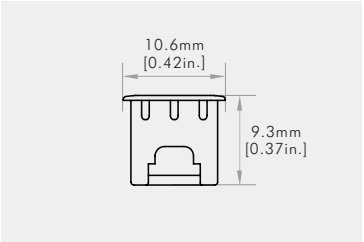


Part No.:	SL-0910B (Tilted)
Appearance:	Iron grey
Dimension:	W10.6xH9.3mm [W0.42xH0.37in.]
Length:	Customizable, Max.3M [118in.]
Increment:	5.95mm [0.23in.]
Installation:	Recessed (Clips)

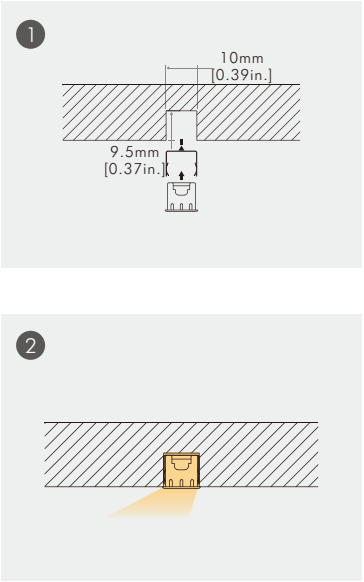
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	136 lm/M [41 lm/ft.]@4000K
Light Efficiency:	17 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



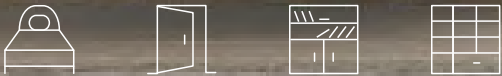
Installation



SHELF LIGHT Recessed Mounting



Application
Ideal for furniture, cabinet, and retail display lighting; cupboards, under-cabinet lights, showcases.



SHELF LIGHT Recessed Mounting

Slim Series

Product Feature

- Soft and comfortable light performance, dot free with CRI90+.
- Quick assembly thank to the solder free connector design.

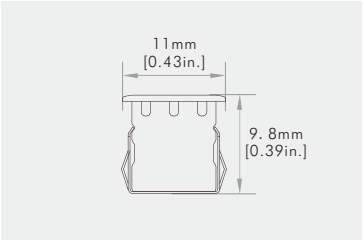


Part No.:	SL-1010C (Solder-free)
Appearance:	Iron grey
Dimension:	W11xH9.8mm [W0.43xH0.39in.]
Length:	Customizable, Max.3M [118in.]
Increment:	13.51mm [0.53in.]
Installation:	Recessed (Clips)

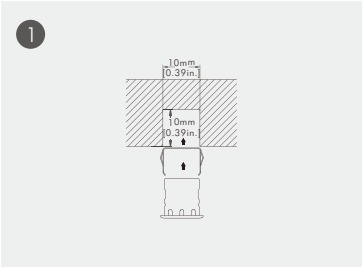
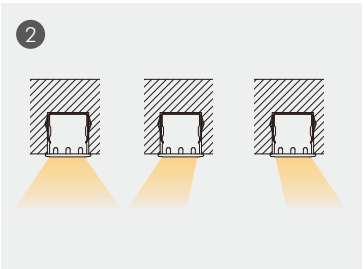
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	145 lm/M [44 lm/ft.]@4000K
Light Efficiency:	18 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



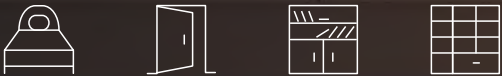
Installation



SHELF LIGHT Recessed Mounting



Application
Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



SHELF LIGHT Recessed Mounting

Slim Series

Product Feature

- Product and cabinet are integrated by recessed mounting, soft and dot free performance with oblique 30 degree emitting.

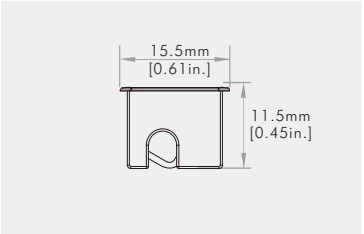


Part No.:	GLRES-1512 (Tilted)
Appearance:	Iron grey
Dimension:	W15.5xH11.5mm [W0.61xH0.45in.]
Length:	Customizable, Max.3M [118in.]
Increment:	5.95mm [0.23in.]
Installation:	Recessed (Clips)

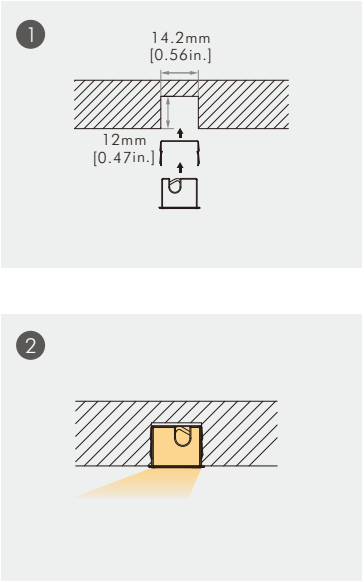
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	200 lm/M [61lm/ft.]@4000K
Light Efficiency:	25 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



SHELF LIGHT Recessed Mounting

Slim Series

Product Feature

- Product and cabinet are integrated by recessed mounting, soft and dot free performance with slim size body.

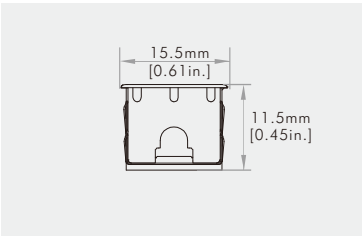


Part No.:	SL-1512B
Appearance:	Iron grey
Dimension:	W15.5xH11.5mm [W0.61xH0.45in.]
Length:	Customizable, Max.3M [118in.]
Increment:	5.95mm [0.23in.]
Installation:	Recessed (Clips)

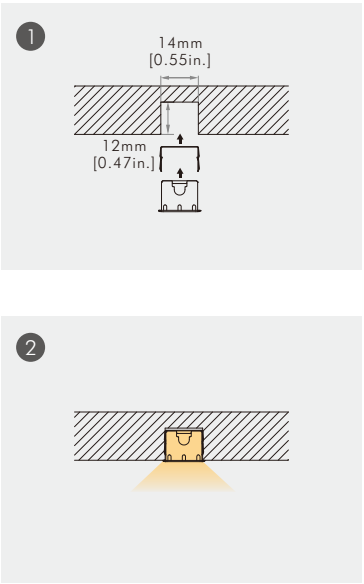
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	240 lm/M [73lm/ft.]@4000K
Light Efficiency:	30 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

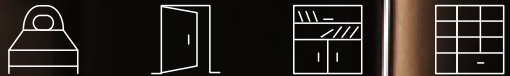


SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



SHELF LIGHT Recessed Mounting

High-end Pro Series

Product Feature

- Elegant grey/black finish with extruded aluminum profile and silicone diffuser.
- Slim linear luminous surface in 4mm only.
- Support local manufacturing: SKD (Semi-Knocked Down) available.

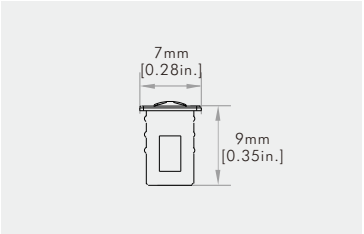


Part No.:	SL-813 Diffuser
Appearance:	Grey/Black
Dimension:	W7xH9mm [W0.28xH0.35in.]
Length:	(282/582/882/1032/1182/1532)mm [(11.1/22.9/34.7/40.6/46.5/60.3)in.]
Increment:	25mm [0.98in.]
Installation:	Recessed (Clips)

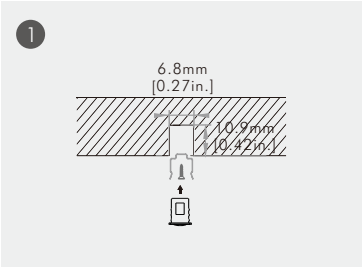
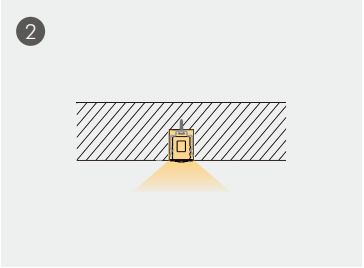
Power:	7W/M [2.13W/ft.]
Voltage:	24VDC
Brightness:	315lm/M [96lm/ft.]@3000K
Light Efficiency:	45lm/W @3000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

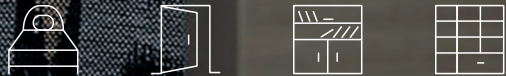


SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting: cupboards, under-cabinet lights, and showcases



SHELF LIGHT Recessed Mounting

High-end Pro Series

Product Feature

- Compact elegant grey/black extruded aluminum with matte silicone diffuser.
- SKD(Semi-Knocked Down) available.
- Plug-and-play design for easy maintenance and 3m serial connection by jumper cables.

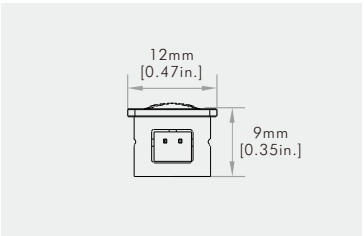


Part No.:	SL-814 Diffuser
Appearance:	Grey/Black
Dimension:	W12xH9mm [W0.47xH0.35in.]
Length:	(284/584/884/1034/1184/1534)mm [(11.2/23/34.8/40.7/46.6/60.4)in.]
Increment:	25mm [0.98in.]
Installation:	Recessed (Clips)

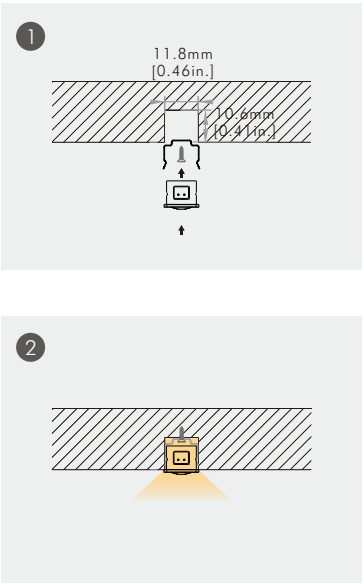
Power:	(4/9/12)W/M [(1.22/2.74/3.66)W/ft.]
Voltage:	24VDC
Brightness:	(320/720/1080) lm/M [(98/219/329) lm/ft.]@3000K
Light Efficiency:	90 lm/W@3000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

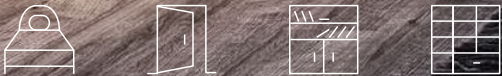


SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



SHELF LIGHT Recessed Mounting

High-end Pro Series

Product Feature

- Compact elegant grey/black extruded aluminum with 50° PC grille.
- SKD(Semi-Knocked Down) available.
- Plug-and-play design for easy maintenance and 3m serial connection by jumper cables.

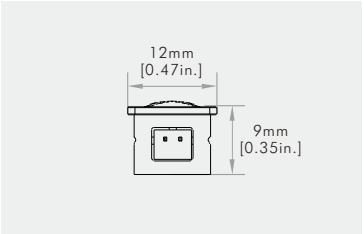


Part No.:	SL-814 Grille
Appearance:	Grey/Black
Dimension:	W12xH9mm [W0.47xH0.35in.]
Length:	(234/434/634/834/1034/1234/1434)mm [(9.2/17.1/25/32.8/40.7/48.6/56.5)in.]
Increment:	50mm [1.97in.]
Installation:	Recessed (Clips)

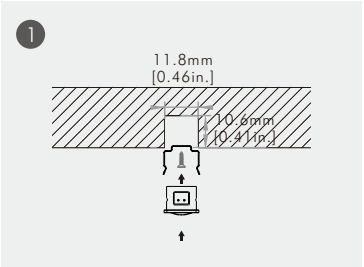
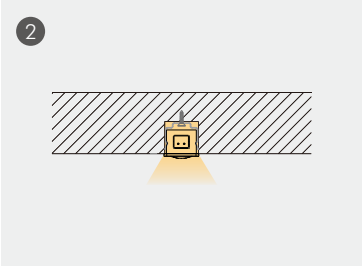
Power:	12W/M [3.66W/ft.]
Voltage:	24VDC
Brightness:	720 lm/M [219 lm/ft.]@3000K
Light Efficiency:	60 lm/W@3000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

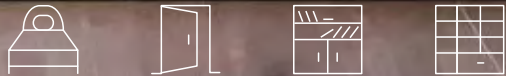


SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



SHELF LIGHT Recessed Mounting

High-end Pro Series

Product Feature

- Compact elegant grey/black extruded aluminum with matte silicone diffuser.
- 60° rotatable design with 5-level adjustment for precise lighting.
- SKD(Semi-Knocked Down) available.
- Plug-and-play design for easy maintenance and 3m serial connection by jumper cables.

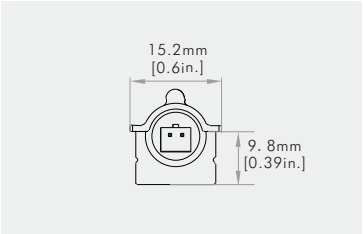


Part No.:	SL-812 Diffuser
Appearance:	Grey/Black
Dimension:	W15.2xH9.8mm [W0.6xH0.39in.]
Length:	(290/590/890/1040/1190/1540)mm [(11.4/23.2/35/40.9/46.9/60.6)in.]
Increment:	25mm [0.98in.]
Installation:	Recessed (Clips)

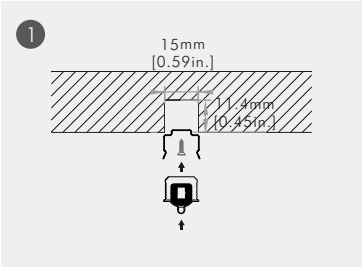
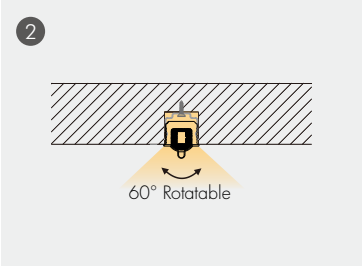
Power:	(4/9/12)W/M [(1.22/2.74/3.66)W/ft.]
Voltage:	24VDC
Brightness:	(320/720/1080) lm/M [(98/219/329) lm/ft.]@3000K
Light Efficiency:	90 lm/W@3000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting: cupboards, under-cabinet lights, and showcases



SHELF LIGHT Recessed Mounting

High-end Pro Series

Product Feature

- Compact elegant grey/black extruded aluminum with 50° PC grille.
- 60° rotatable design with 5-level adjustment for precise lighting.
- SKD(Semi-Knocked Down) available.
- Plug-and-play design for easy maintenance and 3m serial connection by jumper cables.



60° Rotatable

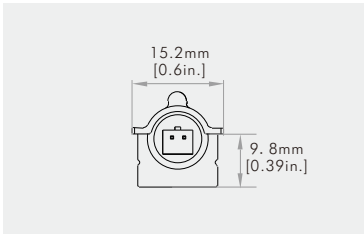


Part No.:	SL-812 Grille
Appearance:	Grey/Black
Dimension:	W15.2xH9.8mm [W0.6xH0.39in.]
Length:	(240/440/640/840/1040/1240/1440)mm [(9.4/17.3/25.2/33.1/40.9/48.8/56.7)in.]
Increment:	50mm [1.97in.]
Installation:	Recessed (Clips)

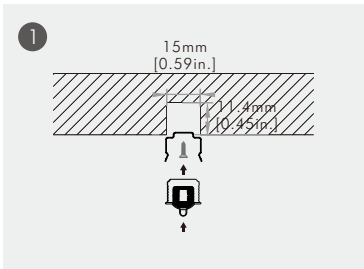
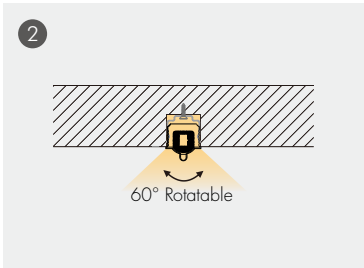
Power:	12W/M [3.66W/ft.]
Voltage:	24VDC
Brightness:	720 lm/M [220 lm/ft.}@3000K
Light Efficiency:	60 lm/W@3000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



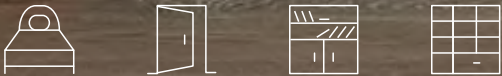
Installation



SHELF LIGHT Recessed Mounting



Application
Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases

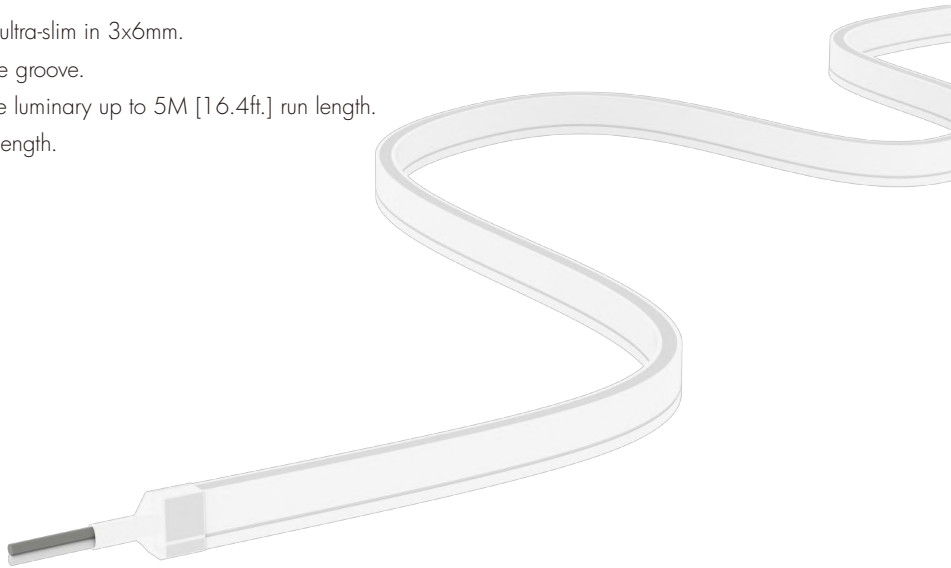


SHELF LIGHT Recessed Mounting

Slight Series

Product Feature

- Super flexible bending performance with ultra-slim in 3x6mm.
- Plane profile supports flush mounting in the groove.
- Uniform, dot-free, smooth and comfortable luminary up to 5M [16.4ft.] run length.
- Field processing in free-cutting to be any length.

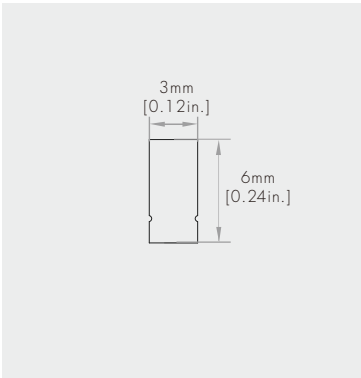


Part No.:	NS-232 (No Trim)
Appearance:	White
Style:	Side-Bend
Dimension:	W3xH6mm [W0.12xH0.24in.]
Length:	5M [16.4ft.]/reel
Increment:	Free-cutting to be any length
Installation:	Recessed gluing or glue-free press-fitting in the groove

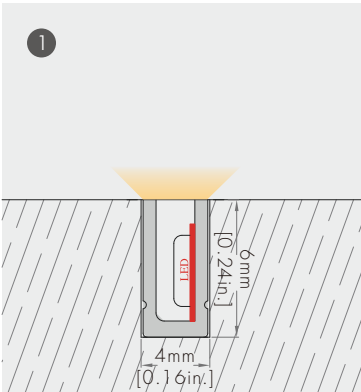
Power:	9W/M [2.74W/ft.]
Voltage:	24VDC
Brightness:	270 lm/M [82lm/ft.]@4000K
Light Efficiency:	30 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

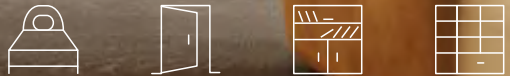


SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



SHELF LIGHT Recessed Mounting

Slight Series

Product Feature

- Super flexible bending performance with ultra-slim in 5x6mm.
- Plane profile supports flush mounting in the groove.
- Uniform, dot-free, smooth and comfortable luminary up to 5M [16.4ft.] run length.
- Field processing in free-cutting to be any length.

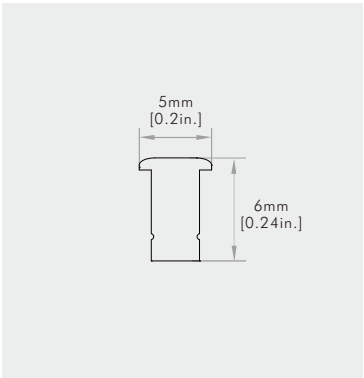


Part No.:	NS-234 (Trim)
Appearance:	White
Style:	Side-Bend
Dimension:	W5xH6mm [W0.2xH0.24in.]
Length:	5M [16.4ft.]/reel
Increment:	Free-cutting to be any length
Installation:	Recessed gluing or glue-free press-fitting in the groove

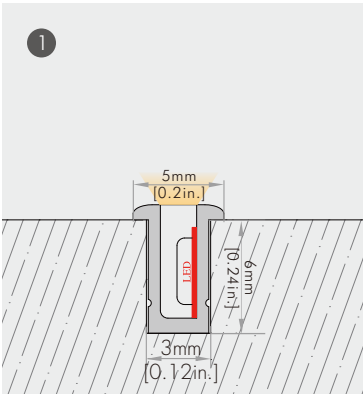
Power:	9W/M [2.74W/ft.]
Voltage:	24VDC
Brightness:	270 lm/M [82lm/ft.]@4000K
Light Efficiency:	30 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

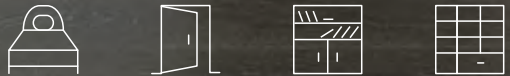


SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting: cupboards, under-cabinet lights, and showcases

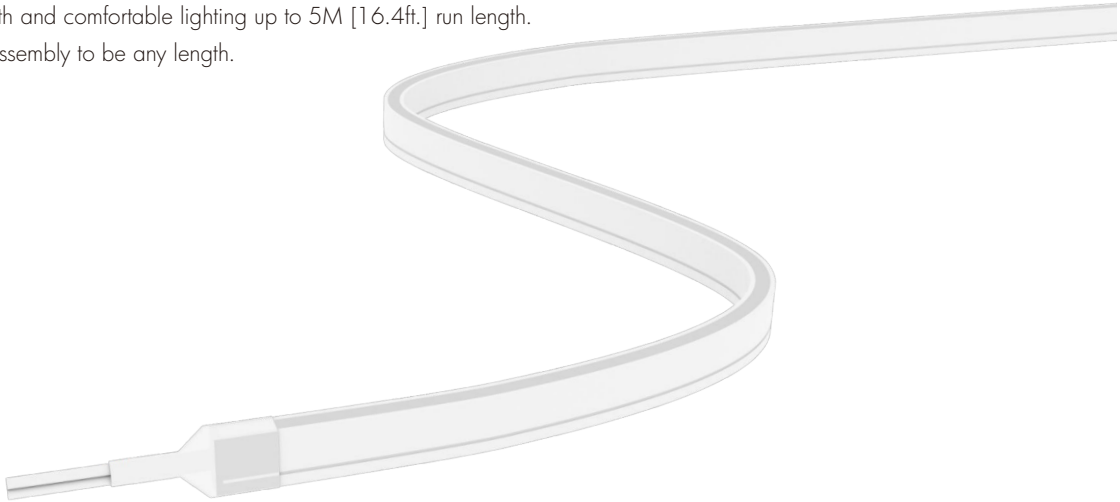


SHELF LIGHT Recessed Mounting

Slight Series

Product Feature

- Super flexible bending performance with ultra-slim size.
- Plane profile supports flush mounting in the groove of furniture.
- Uniform, dot-free, smooth and comfortable lighting up to 5M [16.4ft.] run length.
- On field cuttable and assembly to be any length.

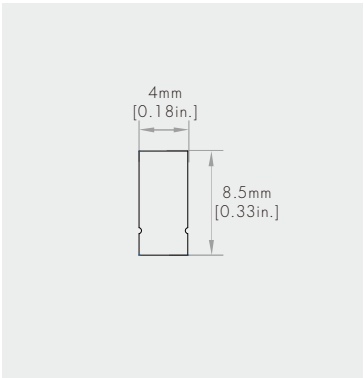


Part No.:	NS-211 (No Trim)
Appearance:	White
Style:	Side-Bend
Dimension:	W4xH8.5mm [W0.16xH0.33in.]
Length:	5M [16.4ft.]/reel
Increment:	Free-cutting to be any length
Installation:	Recessed gluing or glue-free press-fitting in the groove

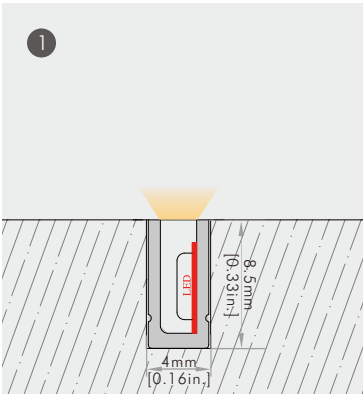
Power:	9W/M [2.74W/ft.]
Voltage:	12/24VDC
Brightness:	200 lm/M [61lm/ft.]@4000K
Light Efficiency:	22 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting: cupboards, under-cabinet lights, and showcases



SHELF LIGHT Recessed Mounting

Slight Series

Product Feature

- Super flexible bending performance with ultra-slim size.
- Plane profile supports flush mounting in the groove of furniture.
- Uniform, dot-free, smooth and comfortable lighting up to 5M [16.4ft.] run length.
- On field cuttable and assembly to be any length.

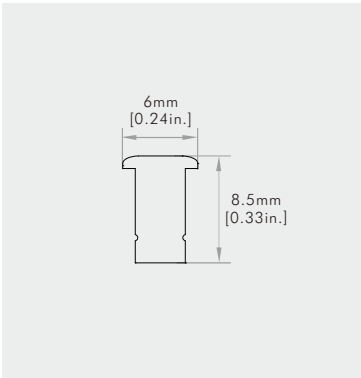


Part No.:	NS-212 (Trim)
Appearance:	White
Style:	Side-Bend
Dimension:	W6xH8.5mm [W0.24xH0.33in.]
Length:	5M [16.4ft.]/reel
Increment:	Free-cutting to be any length
Installation:	Recessed gluing or glue-free press-fitting in the groove

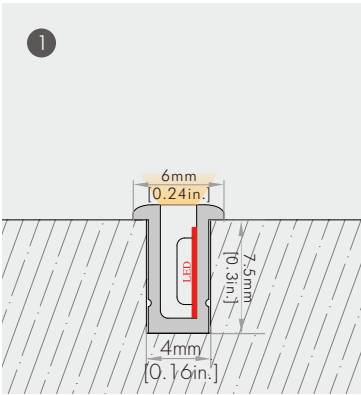
Power:	9W/M [2.74W/ft.]
Voltage:	12/24VDC
Brightness:	200 lm/M [61lm/ft.]@4000K
Light Efficiency:	22 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases

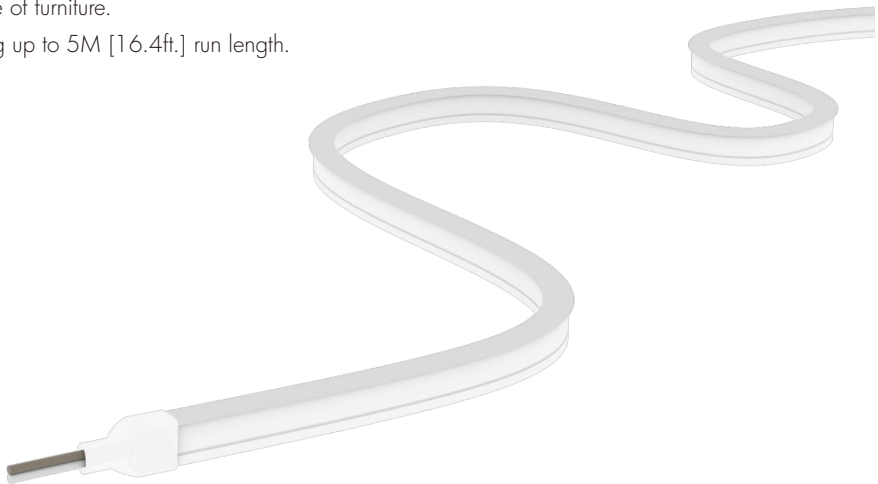


SHELF LIGHT Recessed Mounting

Slight Series

Product Feature

- Super flexible bending performance with ultra-slim size.
- Plane profile supports flush mounting in the groove of furniture.
- Uniform, dot-free, smooth and comfortable lighting up to 5M [16.4ft.] run length.
- On field cuttable and assembly to be any length.

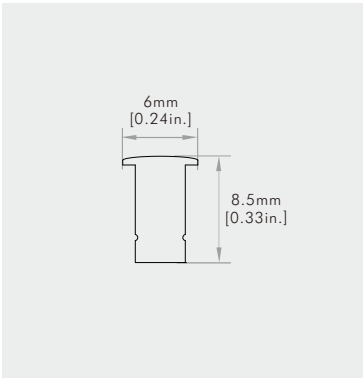


Part No.:	NS-233 (Translucent Trim)
Appearance:	White
Style:	Side-Bend
Dimension:	W6xH8.5mm [W0.24xH0.33in.]
Length:	5M [16.4ft.]/reel
Increment:	Free-cutting to be any length
Installation:	Recessed gluing or glue-free press-fitting in the groove

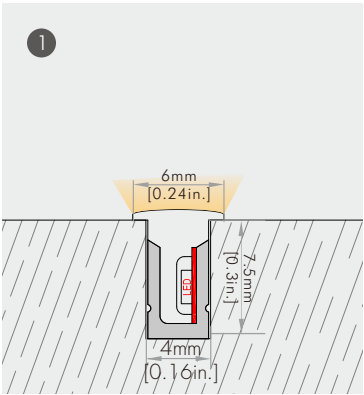
Power:	9W/M [2.74W/ft.]
Voltage:	24VDC
Brightness:	315 lm/M [96lm/ft.]@4000K
Light Efficiency:	35 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases

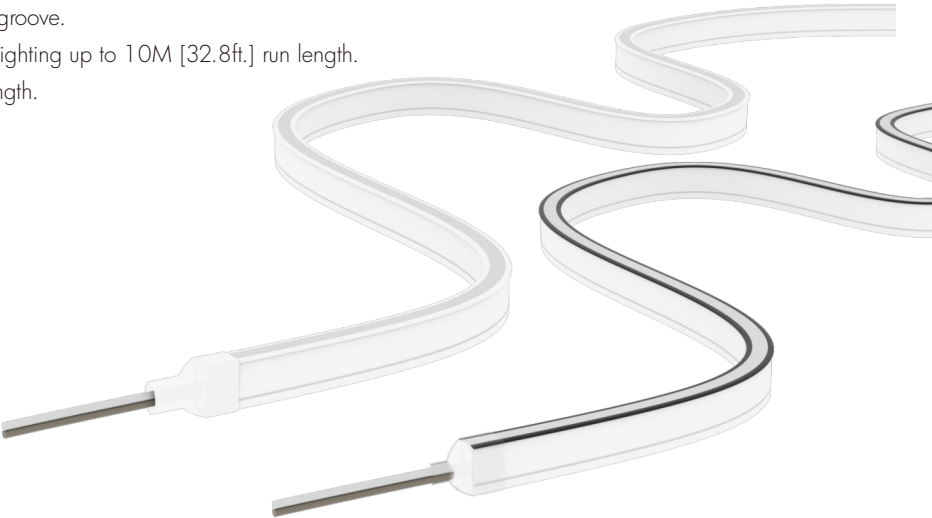


SHELF LIGHT Recessed Mounting

Slight Series

Product Feature

- Super flexible bending performance with ultra-slim size.
- Plane profile supports flush mounting in the groove.
- Uniform, dot-free, smooth and comfortable lighting up to 10M [32.8ft.] run length.
- Field processing in free-cutting to be any length.

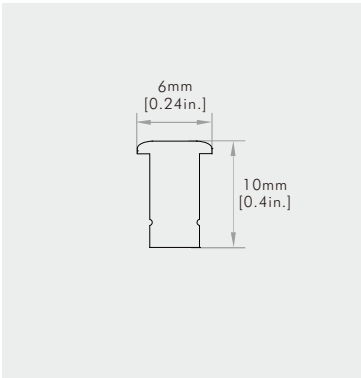


Part No.:	NS-218 (White/Black Trim)
Appearance:	White
Style:	Side-Bend
Dimension:	W6xH10mm [W0.24xH0.4in.]
Length:	(5/10)M [(16.4/32.8)ft.]/reel
Increment:	Free-cutting to be any length
Installation:	Recessed gluing or glue-free press-fitting in the groove

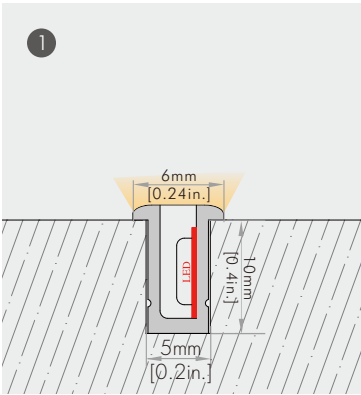
Power:	(6/9)W/M [(1.83/2.74)W/ft.]
Voltage:	24VDC
Brightness:	(140/160) lm/M [(40/50)lm/ft.]@4000K
Light Efficiency:	23 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting: cupboards, under-cabinet lights, and showcases



SHELF LIGHT Recessed Mounting

Angled Series

Product Feature

- **Optimized Light Control** - Asymmetric optics in a sleek trim profile for perfect recessed integration.
- **Versatile Cabinet Lighting** - Seamless cabinet integration, perfect for horizontal or vertical shelf mounting.
- **Effortless Installation** - Revolutionary tool-free installation without welding for fast on-site assembly.
- **Flexible Stock** - Stocked in long rolls for maximum customization potential.

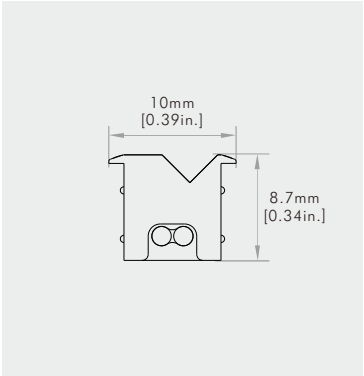


Part No.:	NS-192
Appearance:	White
Style:	Top-Bend
Dimension:	W10xH8.7mm [W0.4xH0.34in.]
Length:	5M [16.4ft.]/reel
Increment:	Free-cutting to be any length
Installation:	Recessed gluing or glue-free press-fitting in the groove

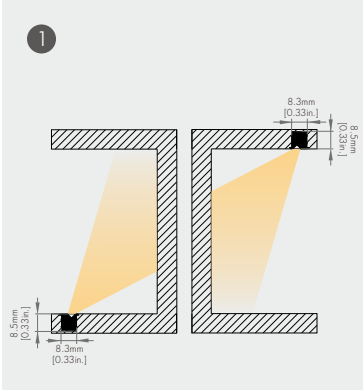
Power:	9W/M [2.74W/ft.]
Voltage:	24VDC
Brightness:	430 lm/M [131lm/ft.]@4000K
Light Efficiency:	48 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



FRONT-EDGE SHELF LIGHT Recessed Mounting



Application

Horizontal or vertical shelf of cupboard, wine cabinet, TV cabinet, bookcase, showcase, storage cabinet etc.



FRONT-EDGE SHELF LIGHT Recessed Mounting

Angle Series

Product Feature

- Product and cabinet are integrated by recessed mounting, soft and dot free performance with oblique 45 degree emitting.

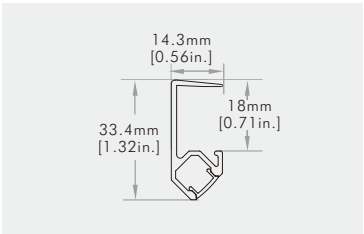


Part No.:	SL-3314
Appearance:	Iron grey
Dimension:	W14.3xH33.4mm [W0.56xH1.32in.]
Length:	Customizable, Max.3M [118in.]
Increment:	5.95mm [0.23in.]
Installation:	Recessed

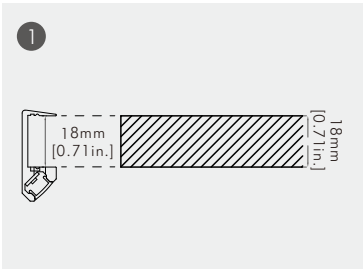
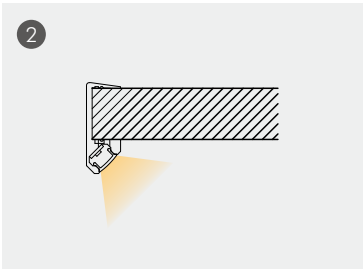
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	176 lm/M [541 lm/ft.]@4000K
Light Efficiency:	22 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



REAR-EDGE SHELF LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under cabinet lights, and showcases

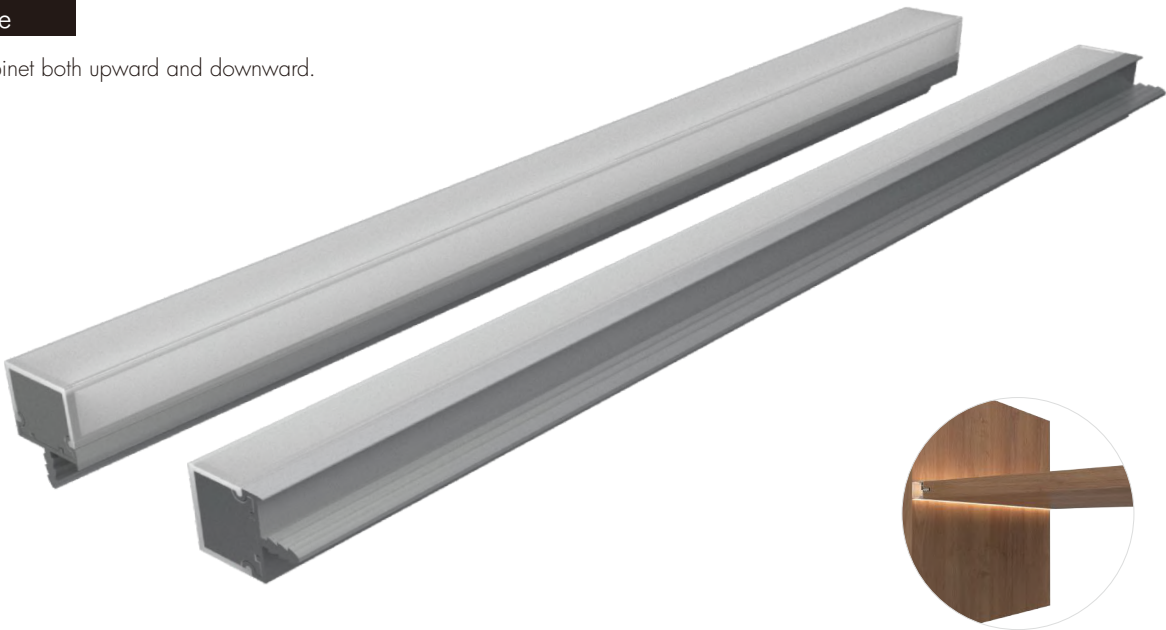


REAR-EDGE SHELF LIGHT Recessed Mounting

Glowedge Series

Product Feature

- Illuminate the cabinet both upward and downward.

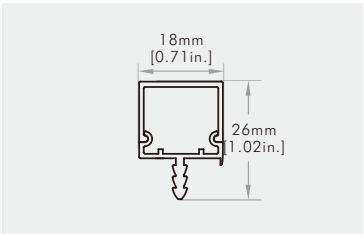


Part No.:	SL-1826
Appearance:	Iron grey
Dimension:	W18xH26mm [W0.71xH1.02in.]
Length:	Customizable, Max.3M [118in.]
Increment:	5.95mm [0.23in.]
Installation:	Recessed

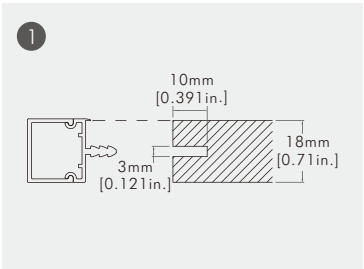
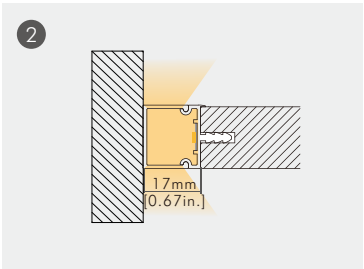
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	464 lm/M [141lm/ft.]@4000K
Light Efficiency:	58 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



REAR-EDGE SHELF LIGHT Recessed Mounting



Horizontal wooden shelf of cupboard, TVcabinet, bookcase, wardrobe, wine cabinet, showcase, storage cabinet etc.

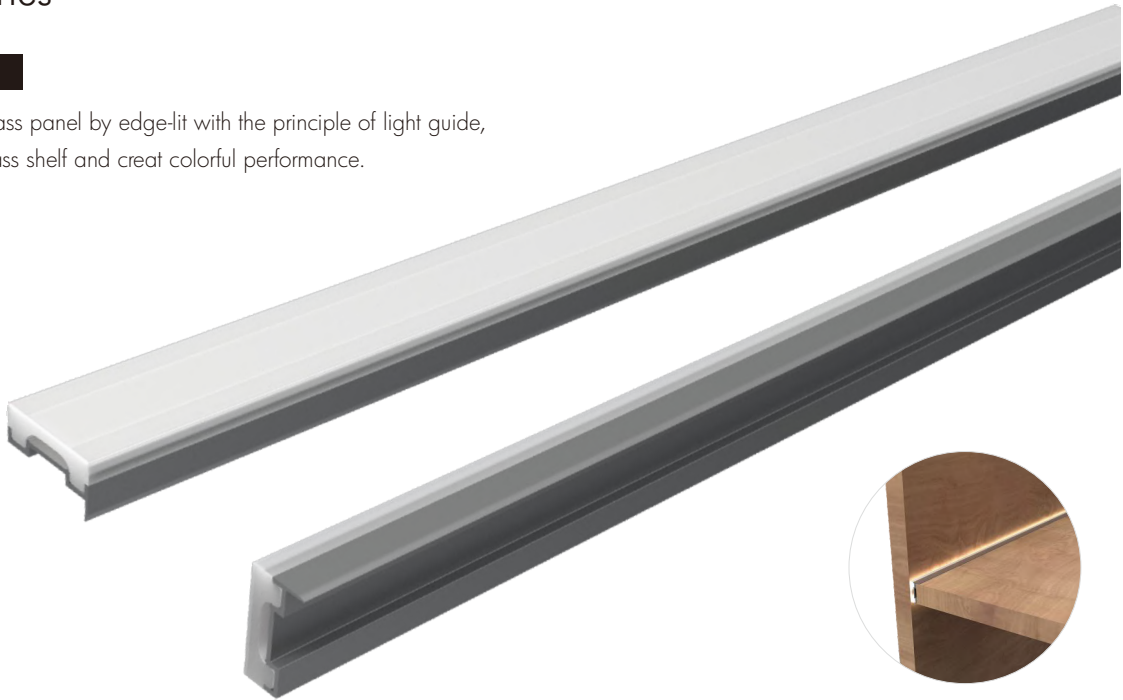


REAR-EDGE SHELF LIGHT Recessed Mounting

Glowedge Series

Product Feature

- Illuminate the whole glass panel by edge-lit with the principle of light guide, well integrated with glass shelf and creat colorful performance.

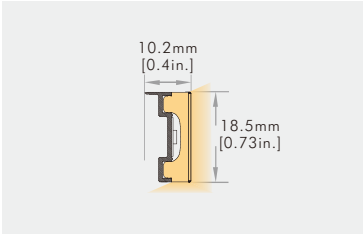


Part No.:	SL-1019
Appearance:	Iron grey
Dimension:	W10.2xH18.5mm [W0.4xH0.73in.]
Length:	Customizable, Max.3M [118in.]
Increment:	5.95mm [0.23in.]
Installation:	Recessed (Self-adhesive tape)

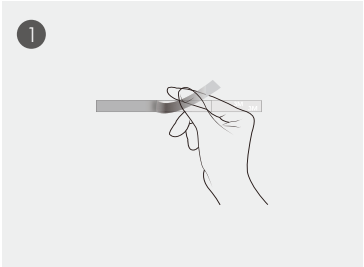
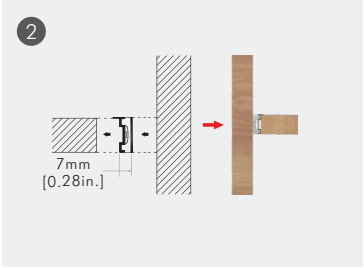
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	80 lm/M [24 lm/ft.]@4000K
Light Efficiency:	10 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

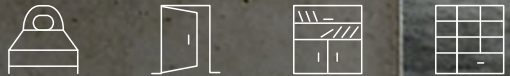


REAR-EDGE SHELF LIGHT Recessed Mounting



Application

Horizontal wooden shelf of cupboard, TVcabinet, bookcase, wardrobe, wine cabinet, showcase, storage cabinet etc.



REAR-EDGE SHELF LIGHT Recessed Mounting

Glowedge Series

Product Feature

- Upward and downward emitting light design.
- Quick assembly thank to the solder free connector design.

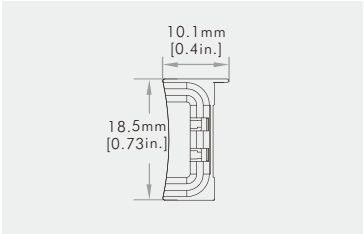


Part No.:	SL-0818B (Solder-free)
Appearance:	Iron grey
Dimension:	W10.2xH18.5mm [W0.4xH0.73in.]
Length:	Customizable, Max.3M [118in.]
Increment:	13.51mm [0.53in.]
Installation:	Recessed

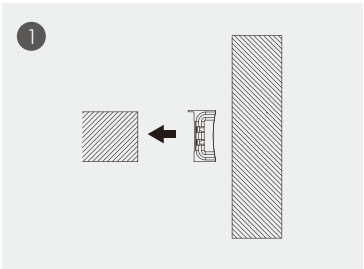
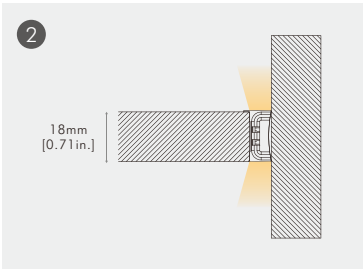
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	110 lm/M [34 lm/ft.]@4000K
Light Efficiency:	14 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



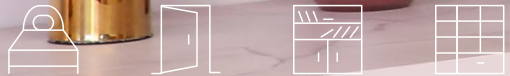
Installation



GLASS SHELF LIGHT Recessed Mounting



Application
Horizontal wooden shelf of cupboard, TV cabinet, bookcase, wardrobe, wine cabinet, showcase, storage cabinet etc.

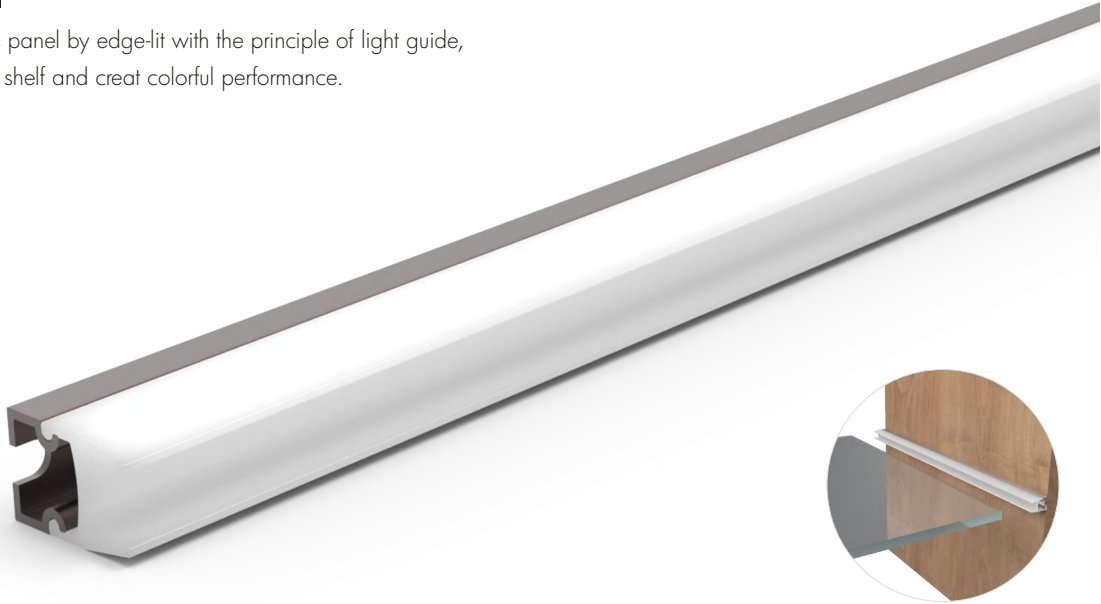


GLASS SHELF LIGHT Recessed Mounting

Glowedge Series

Product Feature

- Illuminate the whole glass panel by edge-lit with the principle of light guide, well integrated with glass shelf and creat colorful performance.

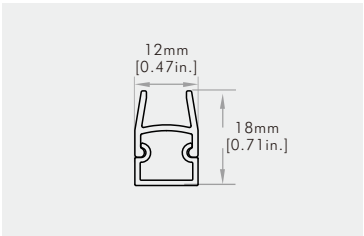


Part No.:	SL-1218
Appearance:	Iron grey
Dimension:	W12xH18mm [W0.47xH0.71in.]
Length:	Customizable, Max.3M [118in.]
Increment:	5.95mm [0.23in.]
Installation:	Recessed

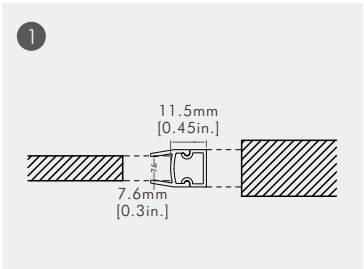
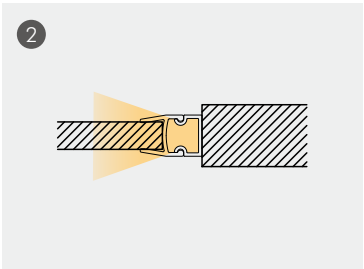
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	304 lm/M [93 lm/ft.]@4000K
Light Efficiency:	38 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

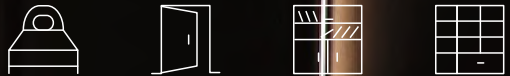


SIDE PANEL LIGHT Recessed Mounting



Application

Horizontal wooden shelf of cupboard, TVcabinet, bookcase, wardrobe, wine cabinet, showcase, storage cabinet etc.

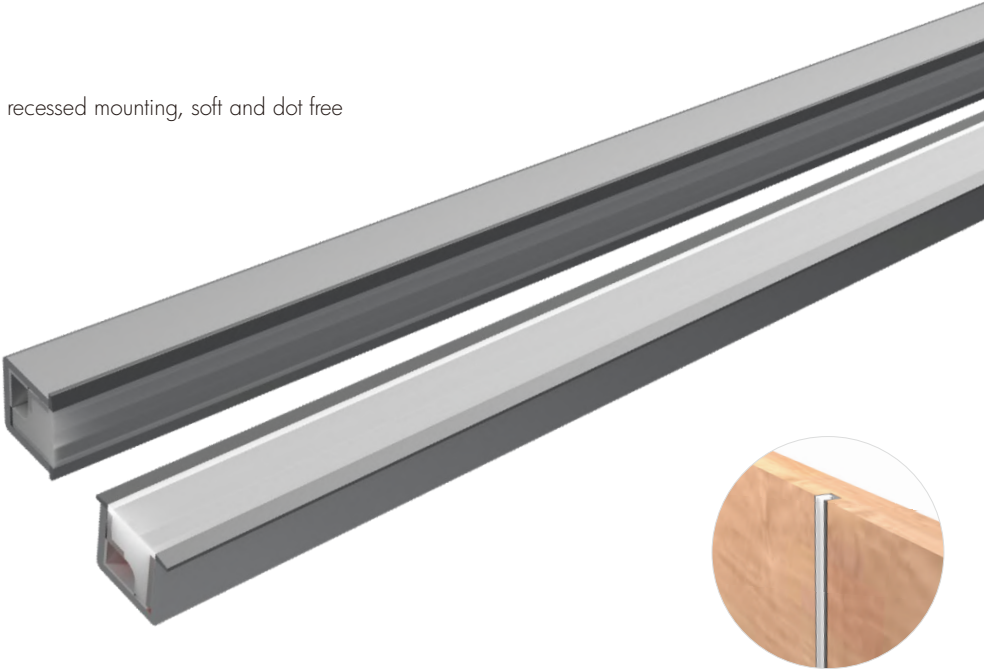


SIDE PANEL LIGHT Recessed Mounting

Mini Series

Product Feature

- Product and cabinet are integrated by recessed mounting, soft and dot free performance with slim size body.

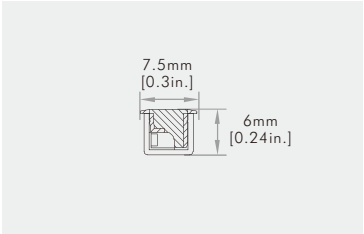


Part No.:	SL-0806
Appearance:	Iron grey
Dimension:	W7.5xH6mm [W0.3xH0.24in.]
Length:	Customizable, Max.3M [118in.]
Increment:	5.95mm [0.23in.]
Installation:	Recessed

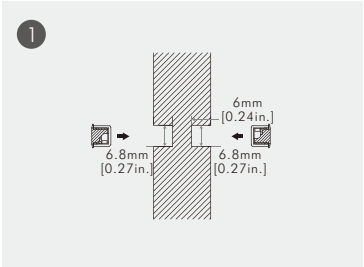
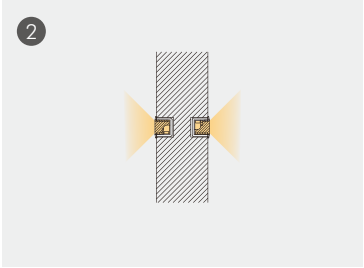
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	144 lm/M [44 lm/ft.]@4000K
Light Efficiency:	18 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

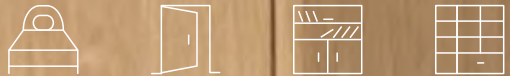


SIDE PANEL LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases

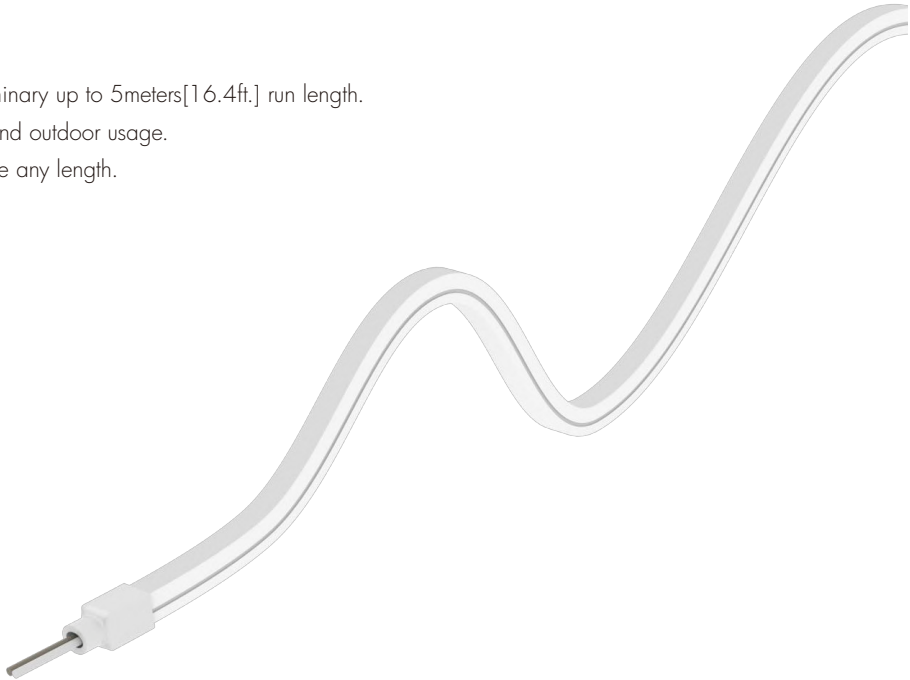


SIDE PANEL LIGHT Recessed Mounting

Mini Series

Product Feature

- Uniform, dot-free, smooth and comfortable luminary up to 5meters[16.4ft.] run length.
- IP67 with endcap sealed by glue for indoor and outdoor usage.
- On field cuttable and assembly available to be any length.
- Dimmable available with PWM signal.

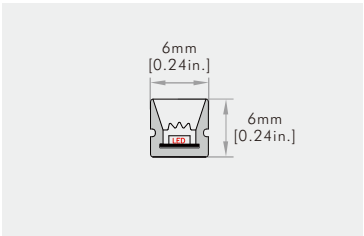


Part No.:	NS-170
Appearance:	White
Style:	Side-Bend
Dimension:	W6xH6mm [W0.24xH0.24in.]
Length:	5M [16.4ft.]/reel
Increment:	Free-cutting to be any length
Installation:	Recessed/Surface (Aluminium profile)

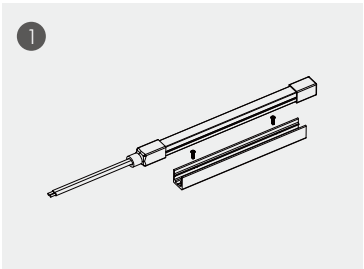
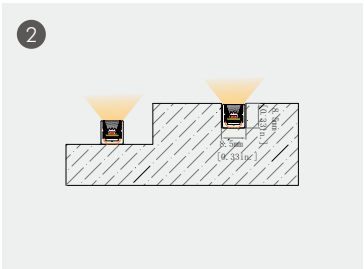
Power:	9W/M [2.74W/ft.]
Voltage:	24VDC
Brightness:	540 lm/M [165lm/ft.]@4000K
Light Efficiency:	60 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

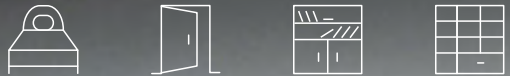


SIDE PANEL LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting: cupboards, under-cabinet lights, and showcases

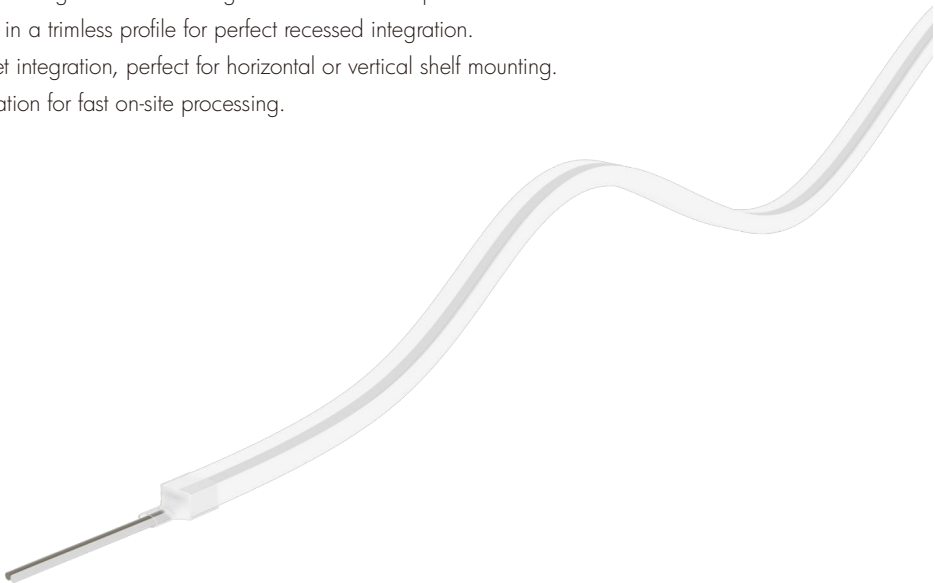


SIDE PANEL LIGHT Recessed Mounting

Angle Series

Product Feature

- Space-Saving Design - The ultra thin structure design allows mounting in slim shelves and panels.
- Optimized Light Control - Asymmetric optics in a trimless profile for perfect recessed integration.
- Versatile Cabinet Lighting - Seamless cabinet integration, perfect for horizontal or vertical shelf mounting.
- Effortless Usage - Easy assembly and installation for fast on-site processing.

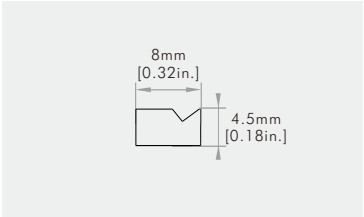


Part No.:	NS-111 (No Trim)
Appearance:	White
Style:	Top-Bend
Dimension:	W8xH4.5mm [W0.32xH0.18in.]
Length:	5M [16.4ft.]/reel
Increment:	Free-cutting to be any length
Installation:	Recessed/Surface (Self-adhesive tape)

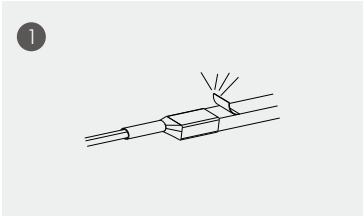
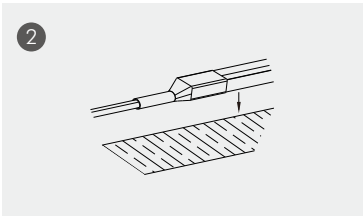
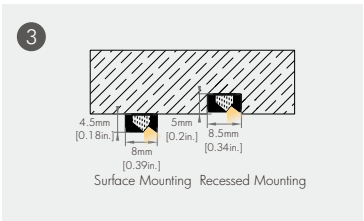
Power:	9W/M [2.74W/ft.]
Voltage:	24VDC
Brightness:	522 lm/M [159lm/ft.]@4000K
Light Efficiency:	58 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



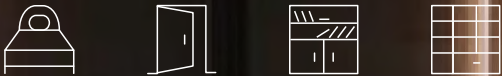
Installation



SIDE PANEL LIGHT Recessed Mounting



Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases

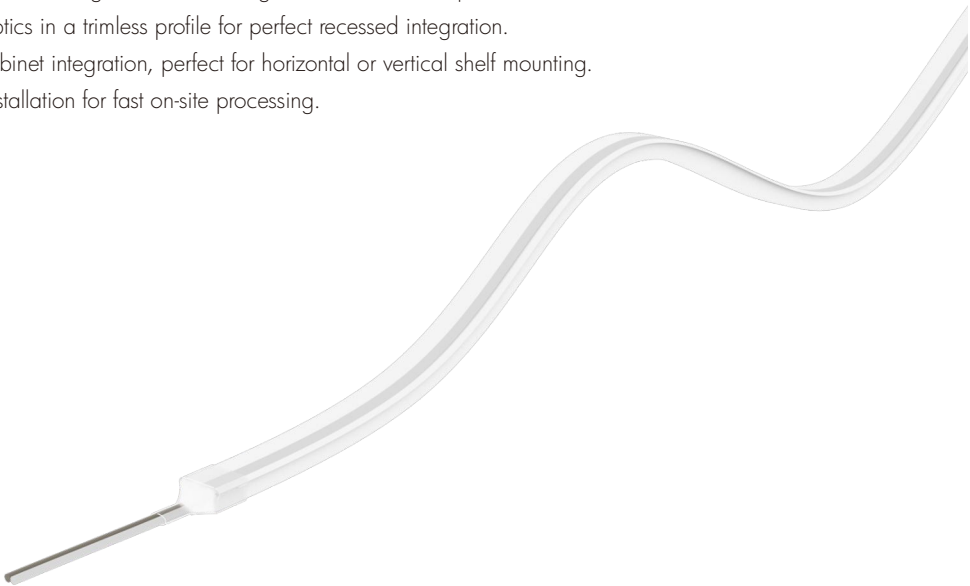


SIDE PANEL LIGHT Recessed Mounting

Angle Series

Product Feature

- Space-Saving Design - The ultra thin structure design allows mounting in slim shelves and panels.
- Optimized Light Control - Asymmetric optics in a trimless profile for perfect recessed integration.
- Versatile Cabinet Lighting - Seamless cabinet integration, perfect for horizontal or vertical shelf mounting.
- Effortless Usage - Easy assembly and installation for fast on-site processing.

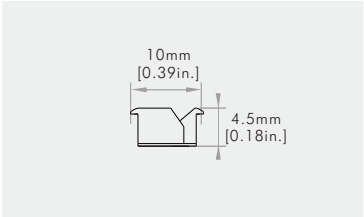


Part No.:	NS-152 (Trim)
Appearance:	White
Style:	Top-Bend
Dimension:	W10xH4.5mm [W0.39xH0.18in.]
Length:	5M [16.4ft.]/reel
Increment:	Free-cutting to be any length
Installation:	Recessed/Surface (Self-adhesive tape)

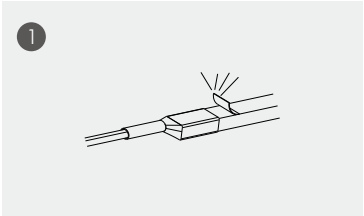
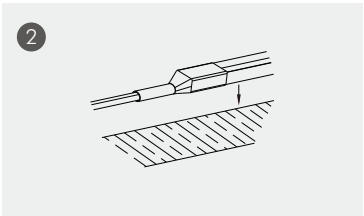
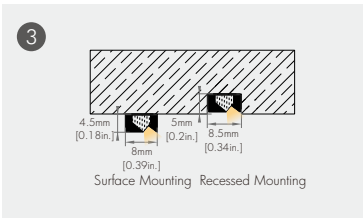
Power:	9W/M [2.74W/ft.]
Voltage:	24VDC
Brightness:	522 lm/M [159lm/ft.]@4000K
Light Efficiency:	58 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



HANDLELESS CABINET LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting: cupboards, under-cabinet lights, and showcases

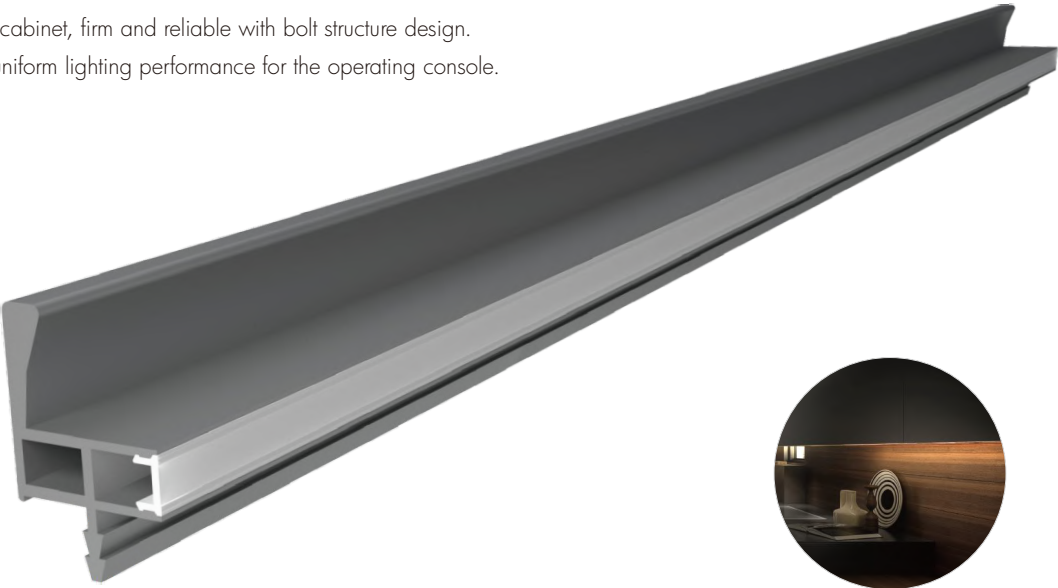


HANDLELESS CABINET LIGHT Recessed Mounting

Handleless Cab-Light Series

Product Feature

- Ideal for handel-free horizontal cabinet, firm and reliable with bolt structure design.
- Perfect task light with soft and uniform lighting performance for the operating console.

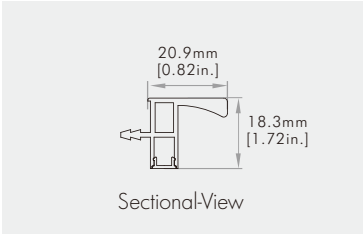


Part No.:	SL-2118
Appearance:	Iron grey
Dimension:	W20.9xH18.3mm [W0.82xH1.72in.]
Length:	Customizable, Max.3M [118in.]
Increment:	5.95mm [0.23in.]
Installation:	Recessed

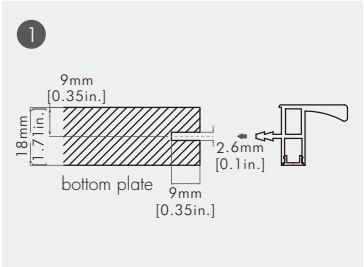
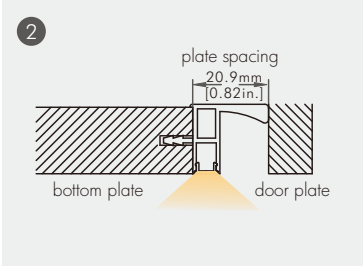
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	200 lm/M [61 lm/ft.]@4000K
Light Efficiency:	25 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



HANDLELESS CABINET LIGHT

Recessed Mounting



Application
Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



HANDLELESS CABINET LIGHT

Recessed Mounting

Handleless Cab-Light Series

Product Feature

- Ideal for handel-free floor cabinet, diffuse reflection emitting design.
- Hidden accent light with soft and uniform lighting performance.

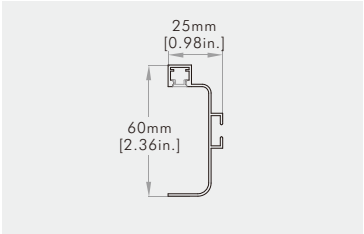


Part No.:	SL-2560
Appearance:	Iron grey
Dimension:	W25xH60mm [W0.98xH2.36in.]
Length:	Customizable, Max.3M [118in.]
Increment:	5.95mm [0.23in.]
Installation:	Recessed

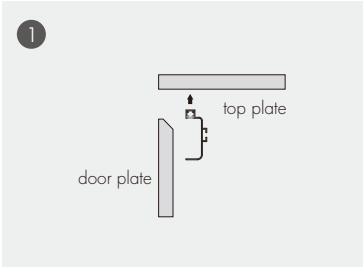
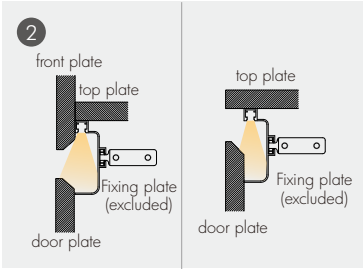
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	72 lm/M [22 lm/ft.]@4000K
Light Efficiency:	9 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



DRAWER LIGHT LIGHT Recessed Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



DRAWER LIGHT LIGHT Recessed Mounting

Toe-Kick Light Series

Product Feature

- Well integrated with wall base, downward illumination, soft lighting performance with diffuse reflection emitting.

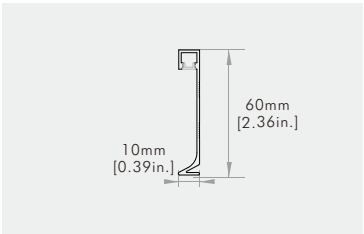


Part No.:	SL-1060
Appearance:	Iron grey
Dimension:	W10xH60mm [W0.39xH2.36in.]
Length:	Customizable, Max.3M [11.8in.]
Increment:	5.95mm [0.23in.]
Installation:	Recessed

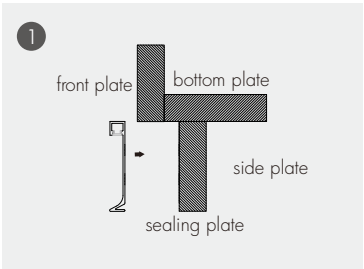
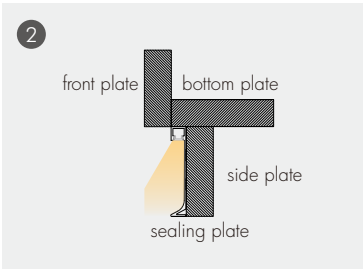
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	80 lm/M [24 lm/ft.]@4000K
Light Efficiency:	10 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Surface Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



SHELF LIGHT Surface Mounting

Slim Series

Product Feature

- Convenient installation by adhesive tape or bracket without grooving, classic appearance, compact design, easy maintenance.

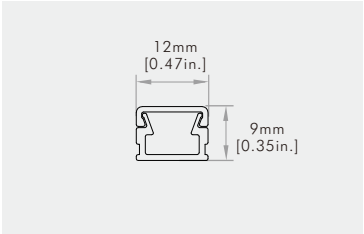


Part No.:	SL-1209
Appearance:	Silver (Anodizing)
Dimension:	W12xH9mm [W0.47xH0.35in.]
Length:	Customizable, Max.3M [118in.]
Increment:	5.95mm [0.23in.]
Installation:	Surface (Clips)

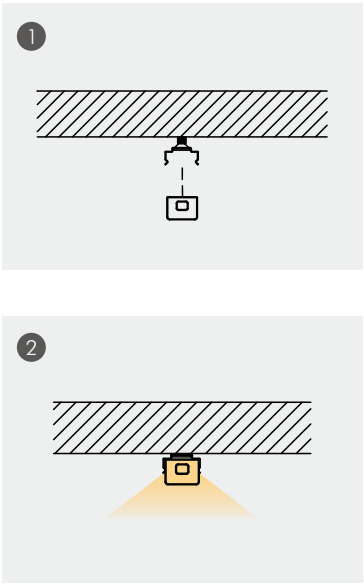
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	160 lm/M [49lm/ft.]@4000K
Light Efficiency:	20 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Surface Mounting



Application
Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



SHELF LIGHT Surface Mounting

High-end Pro Series

Product Feature

- Compact elegant grey/black extruded aluminum with matte silicone diffuser.
- 60° rotatable by clips for precise lighting.
- SKD(Semi-Knocked Down) available.
- Plug-and-play design for easy maintenance and 3m serial connection by jumper cables.

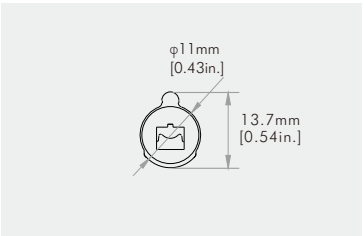


Part No.:	SL-810 Diffuser
Appearance:	Grey/Black
Dimension:	W11xH11mm [W0.43xH0.43in.]
Length:	(280/580/880/1030/1180/1530)mm [(11/22.8/34.7/40.6/46.5/60.2)in.]
Increment:	25mm [7.87in.]
Installation:	Surface (Clips)

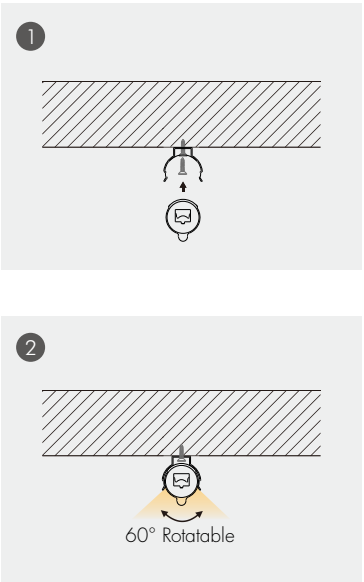
Power:	(4/9/12)W/M [(1.22/2.74/3.66)W/ft.]
Voltage:	24VDC
Brightness:	(320/720/1080) lm/M [(98/219/329) lm/ft.]@3000K
Light Efficiency:	90 lm/W@3000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



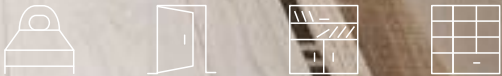
Installation



SHELF LIGHT Surface Mounting



Application
Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



SHELF LIGHT Surface Mounting

High-end Pro Series

Product Feature

- Compact elegant grey/black extruded aluminum with 50° PC grille.
- 60° rotatable by clips for precise lighting.
- SKD(Semi-Knocked Down) available.
- Plug-and-play design for easy maintenance and 3m serial connection by jumper cables.

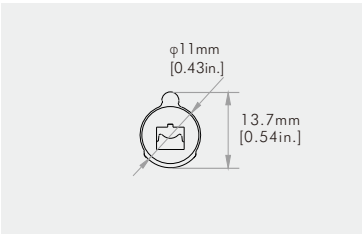


Part No.:	SL-810 Grille
Appearance:	Grey/Black
Dimension:	W11xH11mm [W0.43xH0.43in.]
Length:	(230/430/630/830/1030/1230/1430)mm [(9.1/16.9/24.8/32.7/40.6/48.4/56.3)in.]
Increment:	50mm [1.97in.]
Installation:	Recessed (Clips)

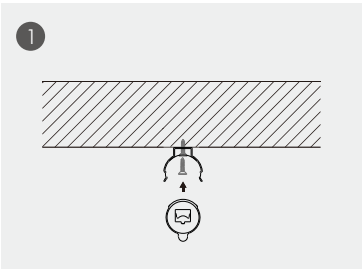
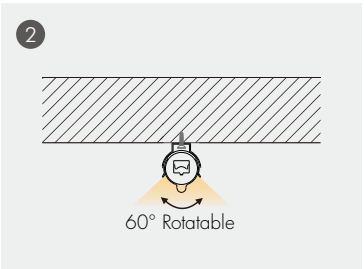
Power:	12W/M [3.66W/ft.]
Voltage:	24VDC
Brightness:	720 lm/M [98 lm/ft.]@3000K
Light Efficiency:	60 lm/W@3000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

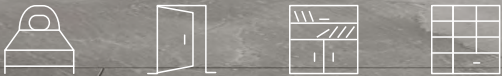


SHELF LIGHT Surface Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



SHELF LIGHT Surface Mounting

Pureflow Series

Product Feature

- Upscale milky color with mate finishing self-cleaning coating and laser printing.
- Very flexible bend, ultra-thin appearance, and dot-free homogeneous lighting performance.
- High light efficiency output using premium diffused material.
- Quick and easy installation with fast connector accessories.

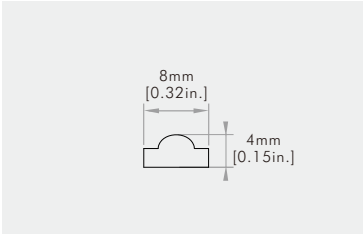


Part No.:	NS-175
Appearance:	White
Style:	Top-Bend
Dimension:	W8xH4mm [W0.31xH0.15in.]
Length:	5M [16.4ft.]/reel
Increment:	41.7mm [1.64in.]
Installation:	Surface (Self-adhesive tape/Clips)

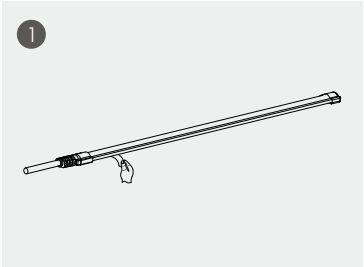
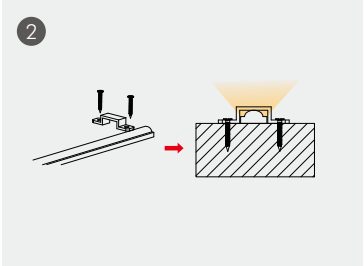
Power:	12W/M [3.7W/ft.]
Voltage:	24VDC
Brightness:	1250 lm/M [381 lm/ft.]@4000K
Light Efficiency:	104 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Surface Mounting



Application

Ideal for furniture, cabinets, and retail display lighting: cupboards, under-cabinet lights, and showcases



SHELF LIGHT Surface Mounting

Pureflow Series

Product Feature

- Upscale milky color with mate finishing self-cleaning coating and laser printing.
- Very flexible bend, ultra-thin appearance, and dot-free homogeneous lighting performance.
- High light efficiency output using premium diffused material.
- Quick and easy installation with fast connector accessories.

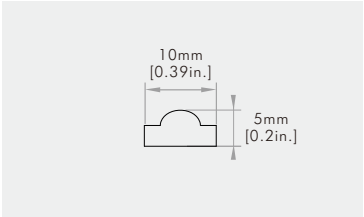


Part No.:	NS-176
Appearance:	White
Style:	Top-Bend
Dimension:	W10xH5mm [W0.39xH0.2in.]
Length:	5M [16.4ft.]/reel
Increment:	19.2mm [0.76in.]
Installation:	Surface (Self-adhesive tape/Clips/PC Channel)

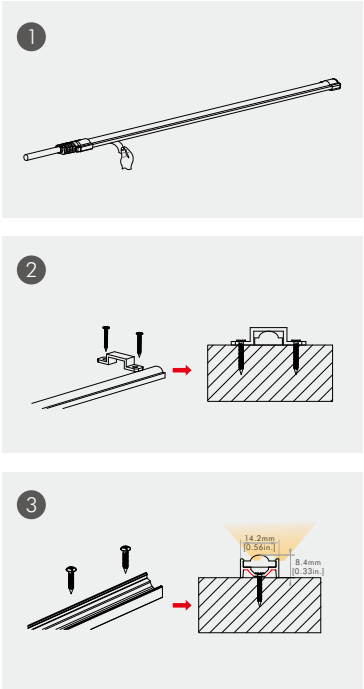
Power:	14W/M [4.3W/ft.]
Voltage:	24VDC
Brightness:	1610 lm/M [491 lm/ft.]@4000K
Light Efficiency:	115 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Surface Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases

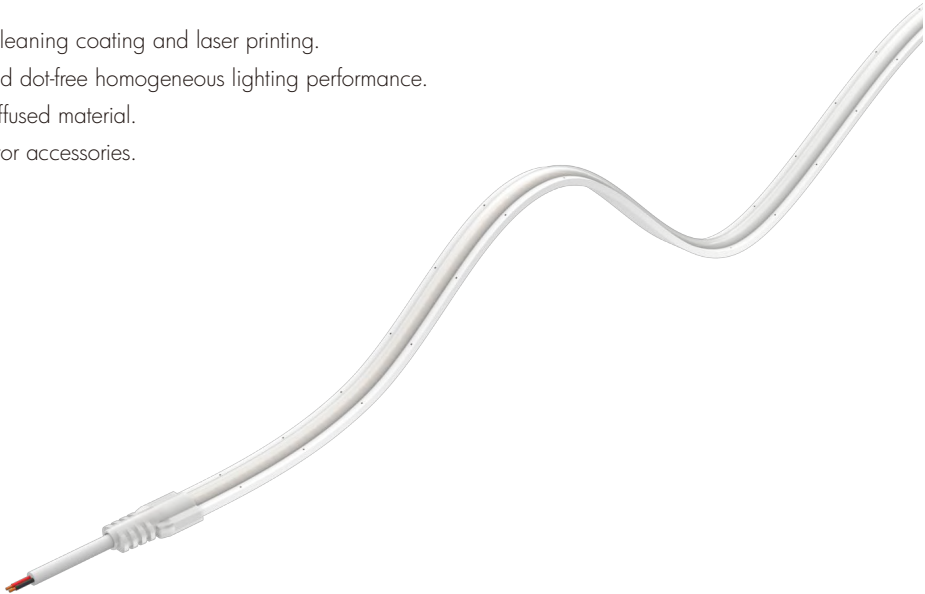


SHELF LIGHT Surface Mounting

Pureflow Series

Product Feature

- Upscale milky color with mate finishing self-cleaning coating and laser printing.
- Very flexible bend, ultra-thin appearance, and dot-free homogeneous lighting performance.
- High light efficiency output using premium diffused material.
- Quick and easy installation with fast connector accessories.

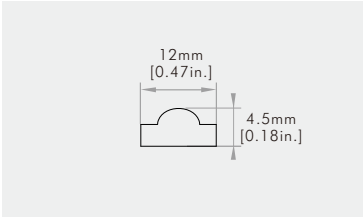


Part No.:	NS-172
Appearance:	White
Style:	Top-Bend
Dimension:	W12xH4.5mm [W0.47xH0.18in.]
Length:	5M [16.4ft.]/reel
Increment:	26.3mm [1.04in.]
Installation:	Surface (Self-adhesive tape/Clips/PC Channel)

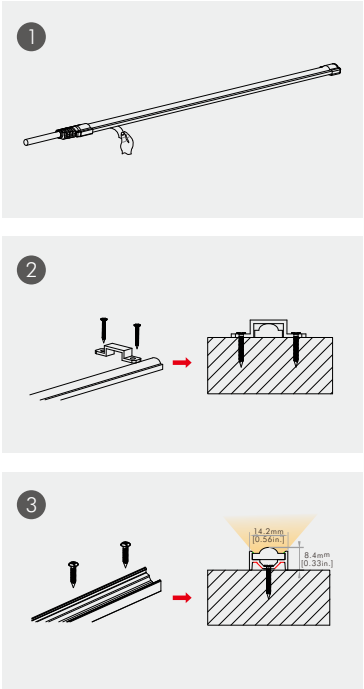
Power:	(14/19)W/M [(4.3/5.8)W/ft.]
Voltage:	24VDC
Brightness:	(1820/2470) lm/M [(555/753) lm/ft.]@4000K
Light Efficiency:	130 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

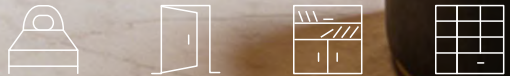


SHELF LIGHT Surface Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



SHELF LIGHT Surface Mounting

Pureflow Series

Product Feature

- Upscale milky color silicone with matte finishing self-cleaning coating.
- Uniform, dot-free, smooth and comfortable using COB light source.
- Good structural and mechanical properties during usage and manufacturing.
- High production efficiency by adopting silicone extrusion processing technology.
- Higher waterproof grade in IP67 for indoor and outdoor usage.
- 50,000h lifespan and 5 years warranty with CE&UL approval.

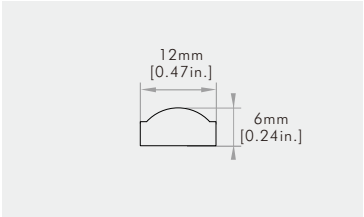


Part No.:	NS-177
Appearance:	White
Style:	Top-Bend
Dimension:	W12xH6mm [W0.47xH0.24in.]
Length:	5M [16.4ft.]/reel
Increment:	Free-cutting to be any length
Installation:	Surface (Self-adhesive tape/Clips/Aluminum profile)

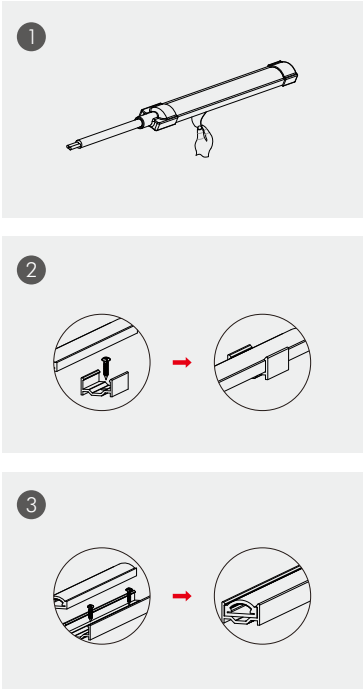
Power:	15W/M [4.57W/ft.]
Voltage:	24VDC
Brightness:	1200 lm/M [366 lm/ft.]@4000K
Light Efficiency:	80 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Surface Corner Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases

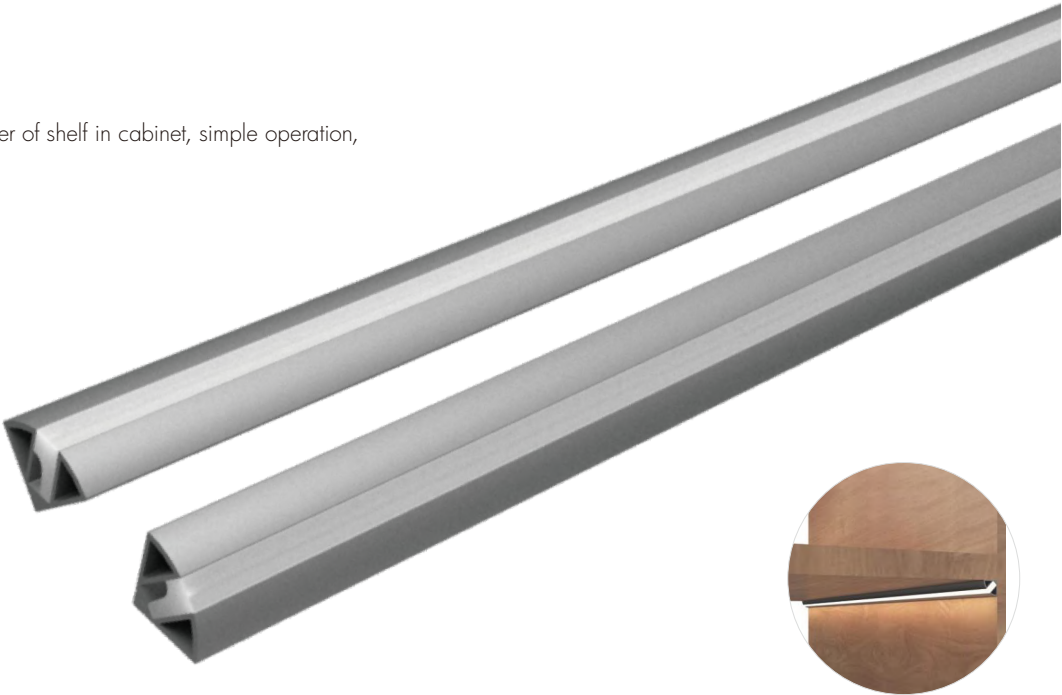


SHELF LIGHT Surface Corner Mounting

Angled Series

Product Feature

- Surface mounting on the corner of shelf in cabinet, simple operation, uniform illumination.

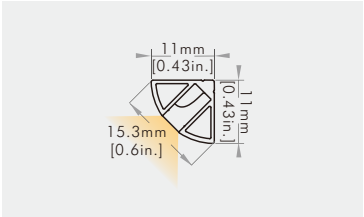


Part No.:	SL-1611
Appearance:	Iron grey
Dimension:	W11xH11mm [W0.43xH0.43in.]
Length:	Customizable, Max.3M [118in.]
Increment:	5.95mm [0.23in.]
Installation:	Surface (Self-adhesive tape)

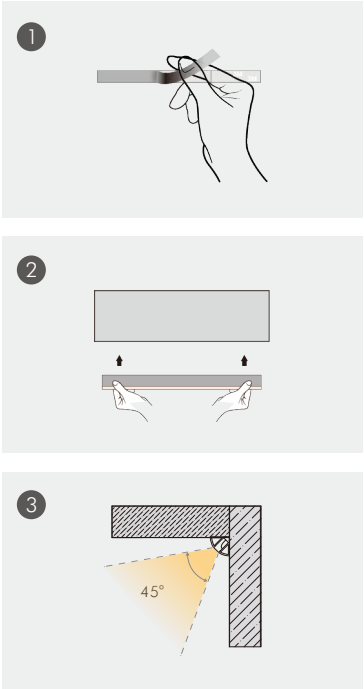
Power:	8W/M [2.44W/ft.]
Voltage:	24VDC
Brightness:	224 lm/M [68lm/ft.]@4000K
Light Efficiency:	28 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Surface Corner Mounting



Ideal for furniture, cabinets, and retail display lighting; cupboards, under-cabinet lights, and showcases.



SHELF LIGHT Surface Corner Mounting

High-end Pro Series

Product Feature

- Corner-mount design
- Compact elegant grey/black extruded aluminum with matte silicone diffuser.
- 60° rotatable design with 5-level adjustment for precise lighting.
- SKD(Semi-Knocked Down) available.
- Plug-and-play design for easy maintenance and 3m serial connection by jumper cables.

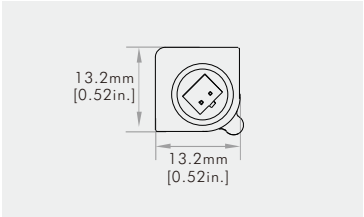


Part No.:	SL-811 Diffuser
Appearance:	Grey/Black
Dimension:	W13.2xH13.2mm [W0.52xH0.52in.]
Length:	(280/580/880/1030/1180/1530)mm [(11/22.8/34.7/40.6/46.5/60.2)in.]
Increment:	25mm [0.98in.]
Installation:	Surface (Clips)

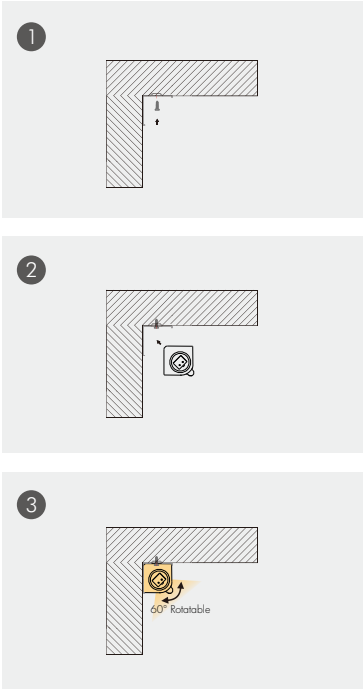
Power:	(4/9/12)W/M [(1.22/2.74/3.66)W/ft.]
Voltage:	24VDC
Brightness:	(320/720/1080) lm/M [(98/219/329) lm/ft.]@3000K
Light Efficiency:	90 lm/W@3000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Surface Corner Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases

SHELF LIGHT Surface Corner Mounting

High-end Pro Series

Product Feature

- Corner-mount design
- Compact elegant grey/black extruded aluminum with 50° PC grille.
- 60° rotatable design with 5-level adjustment for precise lighting.
- SKD(Semi-Knocked Down) available.
- Plug-and-play design for easy maintenance and 3m serial connection by jumper cables.

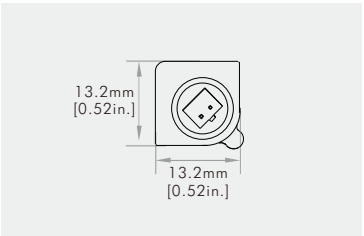


Part No.:	SL-811 Grille
Appearance:	Grey/Black
Dimension:	W13.2xH13.2mm [W0.52xH0.52in.]
Length:	(285/588/888/1038/1188/1538)mm [(11.3/23.2/35/40.9/46.8/60.6)in.]
Increment:	50mm [1.97in.]
Installation:	Surface (Clips)

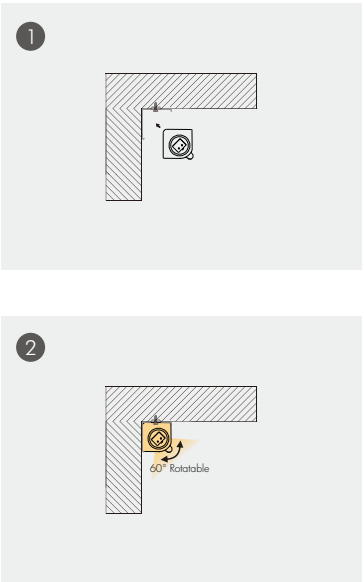
Power:	12W/M [3.66W/ft.]
Voltage:	24VDC
Brightness:	720 lm/M [98 lm/ft.]@3000K
Light Efficiency:	60 lm/W@3000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF LIGHT Surface Corner Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases

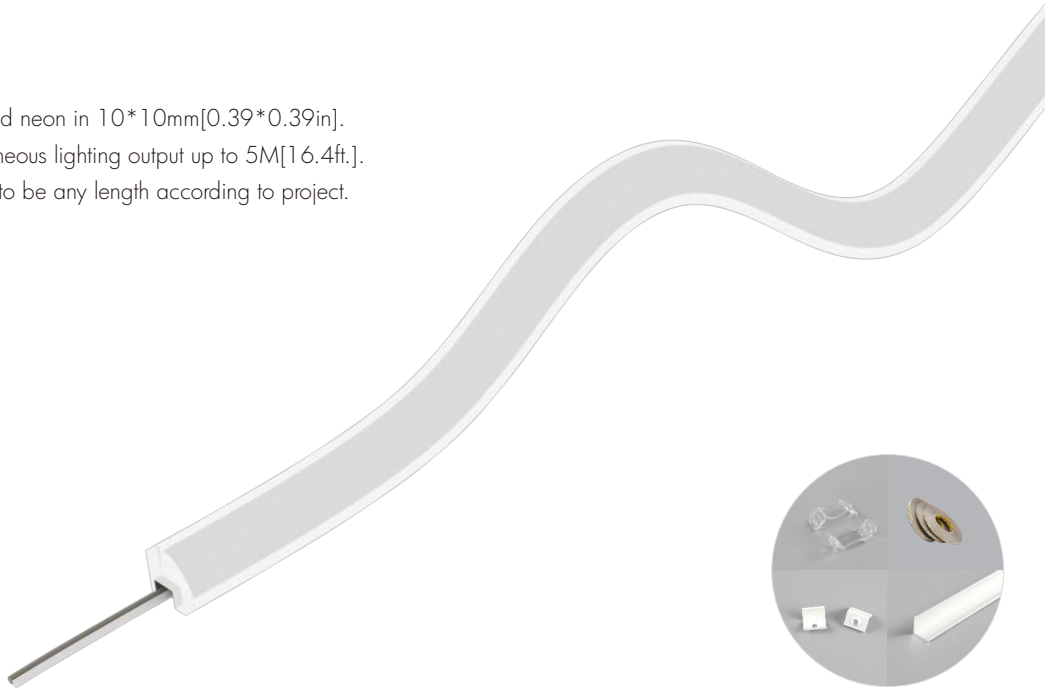


SHELF LIGHT Surface Corner Mounting

Angled Series

Product Feature

- One quarter of circular top-bend neon in 10*10mm[0.39*0.39in].
- Dot free, uniform and homogeneous lighting output up to 5M[16.4ft.].
- Field processing in free-cutting to be any length according to project.

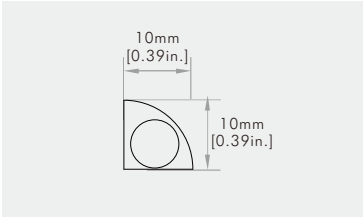


Part No.:	NS-165
Appearance:	White
Style:	Top-Bend
Dimension:	W10*H10mm [W0.39*H0.39in.]
Length:	5M [16.4ft.]/reel
Increment:	Free-cutting to be any length
Installation:	Surface (Self-adhesive tap/Clips)

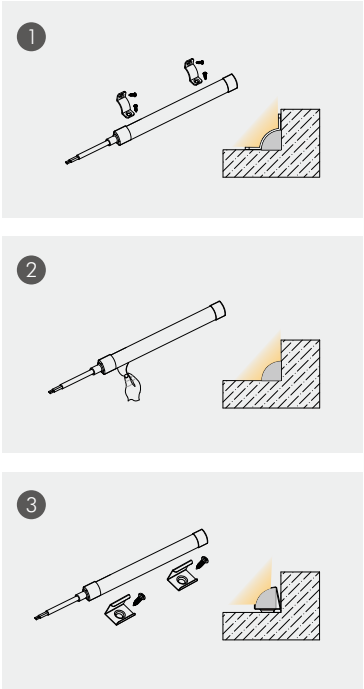
Power:	9W/M [2.74W/ft.]
Voltage:	24VDC
Brightness:	684 lm/M [76 lm/ft.]@4000K
Light Efficiency:	76 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



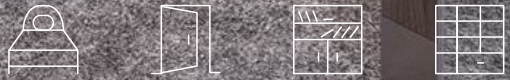
Installation



SHELF LIGHT Surface Corner Mounting



Application
Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases

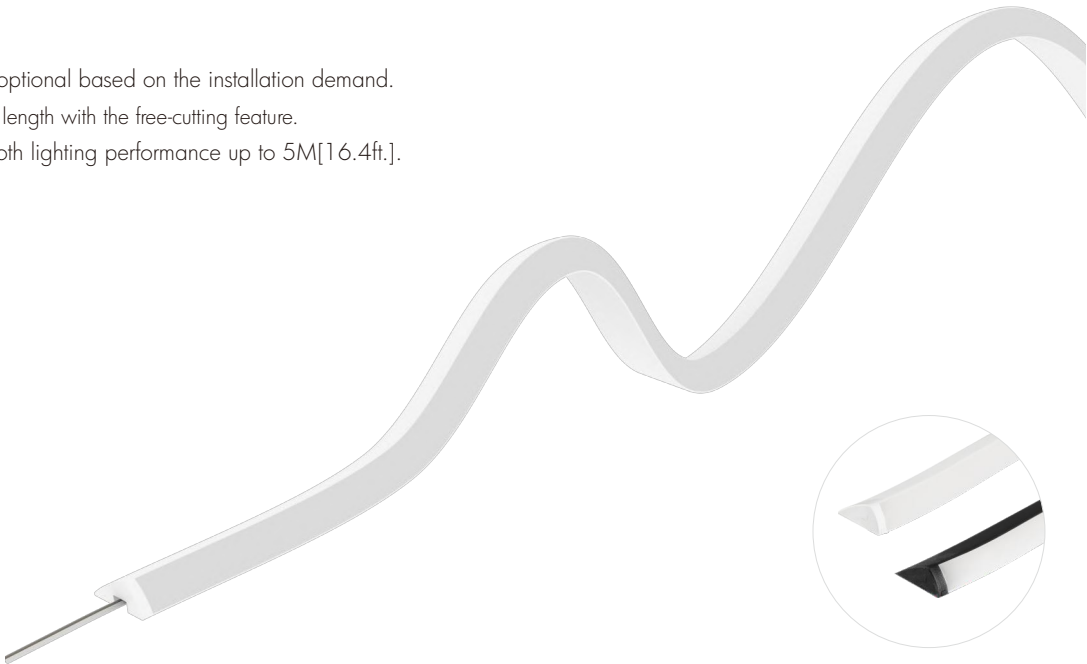


SHELF LIGHT Surface Corner Mounting

Angled Series

Product Feature

- Color in white or black is optional based on the installation demand.
- Field processable to be any length with the free-cutting feature.
- Uniform, dot-free and smooth lighting performance up to 5M[16.4ft.].

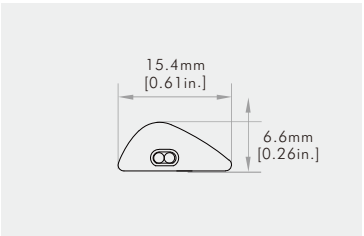


Part No.:	NS-613
Appearance:	White/Black
Style:	Top-Bend
Dimension:	W15.4*H6.6mm [W0.61*H0.26in.]
Length:	5M [16.4ft.]/reel
Increment:	Free-cutting to be any length
Installation:	Surface (Self-adhesive tape)

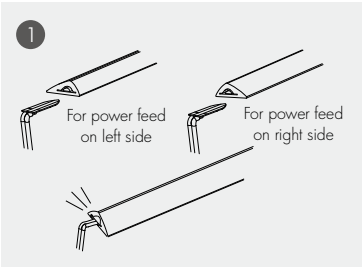
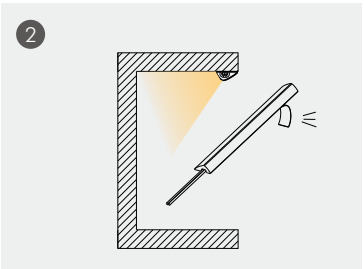
Power:	12W/M [3.66W/ft.]
Voltage:	24VDC
Brightness:	810 lm/M [247 lm/ft.]@4000K
Light Efficiency:	68 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

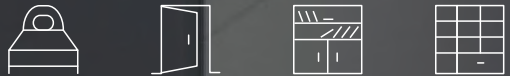


DRAWER LIGHT Surface Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



DRAWER LIGHT Surface Mounting

Drawer Light Series

Product Feature

- Dot-free linear performance, strong and easy installation by bracket, built-in door contact sensor.
- Outward emitting light, Ideal for drawer.

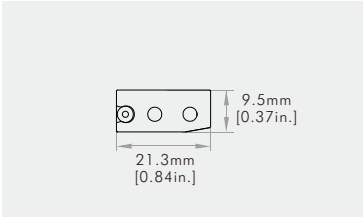


Part No.:	SL2110A
Appearance:	Matte silver
Dimension:	W21.3xH9.5mm [W0.84xH0.37in.]
Length:	Customizable, Max.3M [118in.]
Increment:	50mm [1.97in.]
Installation:	Surface (Clips)

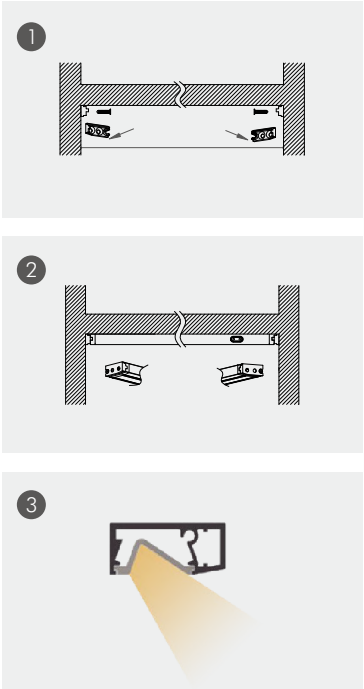
Power:	6W/M [1.83W/ft.]
Voltage:	24VDC
Brightness:	280 lm/M [85 lm/ft.]@4000K
Light Efficiency:	47 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



BASE CABINT LIGHT Surface Mounting



Application

Ideal for furniture, cabinets, and retail display lighting: cupboards, under-cabinet lights, and showcases

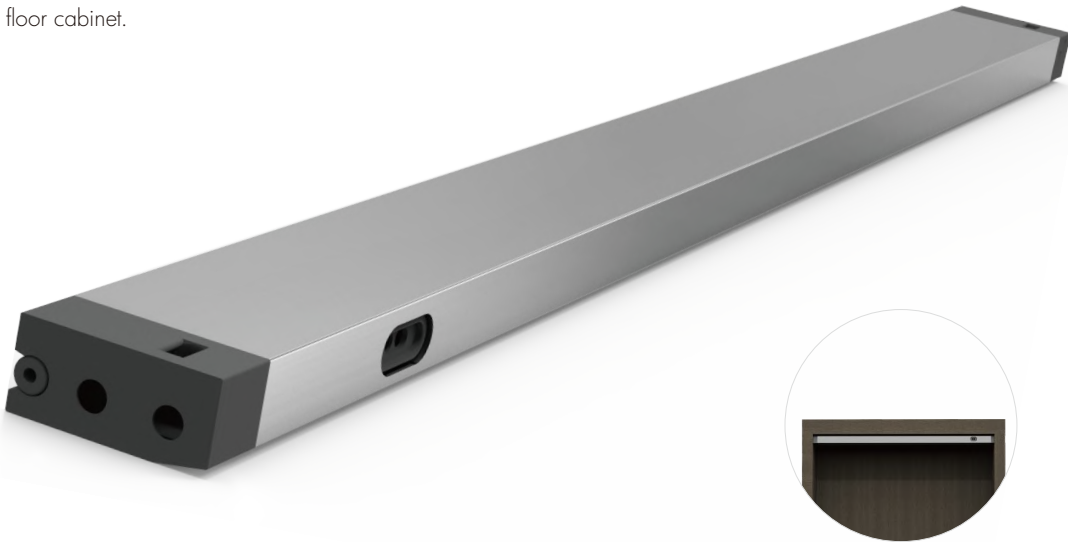


BASE CABINT LIGHT Surface Mounting

Base Cab-Light Series

Product Feature

- Dot-free linear performance, strong and easy installation by bracket, built-in door contact sensor.
- Inward emitting light, Ideal for floor cabinet.

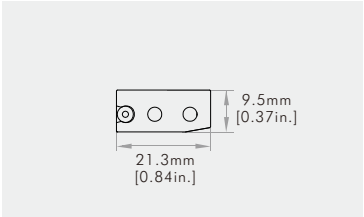


Part No.:	SL-2110B
Appearance:	Matte silver
Dimension:	W21.3xH9.5mm [W0.84xH0.37in.]
Length:	Customizable, Max.3M [118in.]
Increment:	50mm [1.97in.]
Installation:	Surface (Clips)

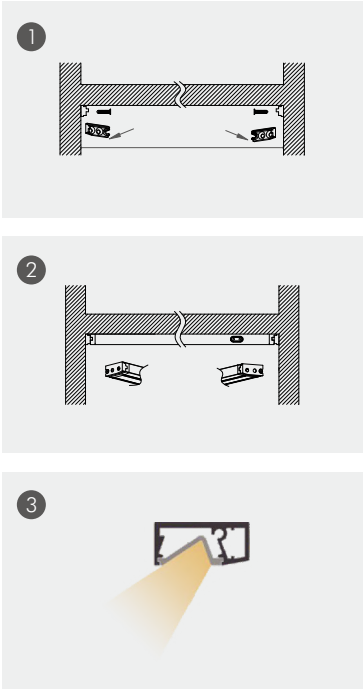
Power:	6W/M [1.83W/ft.]
Voltage:	24VDC
Brightness:	280 lm/M [85 lm/ft.]@4000K
Light Efficiency:	47 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF/UNDER CABINET LIGHT Surface Mounting



Application

Ideal for furniture, cabinets, and retail display lighting: cupboards, under-cabinet lights, and showcases



SHELF/UNDER CABINET LIGHT Surface Mounting

Link Flow Series

Product Feature

- Uniform, dot-free, smooth and comfortable luminary, with classy aluminum-plastic texture.
- Support rigid split joint or soft jumper linking, up to 5 meters [16.4ft.] run length in seamless connection without brightness difference.
- Simple and quick assembly DIY concept, patented design.
- Surface or flush mounting by magnet, magnet+metal sheet or bracket.

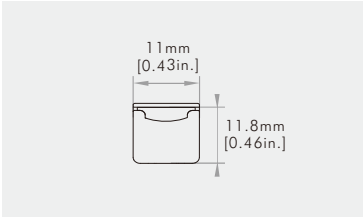


Part No.:	SL-400
Appearance:	Silver (Anodizing)
Dimension:	W11xH11.8mm [W0.43xH0.46in.]
Length:	100/200/300/580/880/1180/1480mm [3.94/7.87/11.8/22.8/34.6/46.5/58.3in.]
Installation:	Surface (Magnet/Clips)

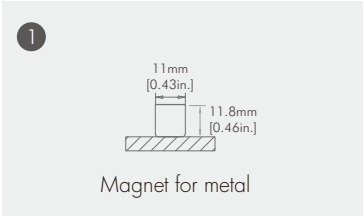
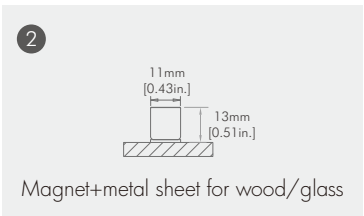
Power:	(1.3/2.7/4/8/12/16/20)W
Voltage:	24VDC
Brightness:	(90/190/280/560/840/1120/1400) lm @4000K
Light Efficiency:	70 lm/W @4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation

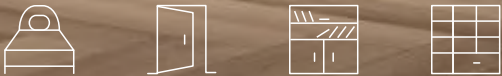


SHELF/UNDER CABINET LIGHT Surface Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



SHELF/UNDER CABINET LIGHT Surface Mounting

AC Link CubeX Series

Product Feature

- Elegant appearance, soft lighting, excellent design.
- AC230V direct input, dirver-free, convenient usage.
- Smooth dimming with TRIAC dimmer.
- Seamless connection for both structure and light, up to 20 meters linkable run length.
- Entire PC co-extrusion insulation protection in class II.

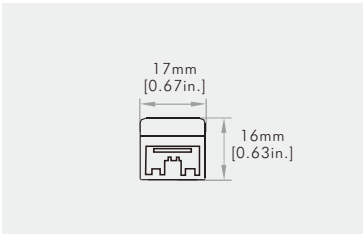


Part No.:	SL-100 DIM
Appearance:	Milky
Dimension:	W17xH16mm [W0.67xH0.63in.]
Length:	100/250/500/750/1000mm [3.9/9.8/19.7/29.5/39.4in.]
Installation:	Surface (Magnet/Clips)

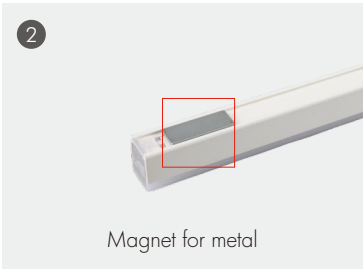
Power:	(1.5/3/6/9/12)W
Voltage:	220~240VAC
Brightness:	(114/255/510/765/1020) lm@4000K
Light Efficiency:	85 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K/6500K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



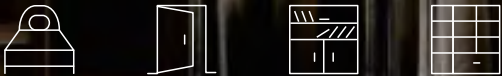
Installation



SHELF/UNDER CABINET LIGHT Surface Mounting



Application
Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



SHELF/UNDER CABINET LIGHT Surface Mounting

AC Nexus Series

Product Feature

- Mini plastic housing, compact structure, soft light in dotless performance.
- AC input using DOB (Driver On Board) technology without extra power supply.
- Seamless connection, linkable up to 20 meters.
- High-Efficacy, flicker-free and high PF design, comply with new ErP Regulation (EU) 2019/2020.

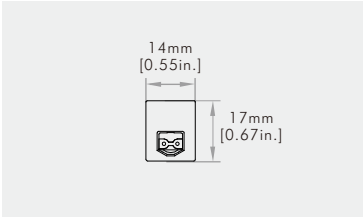


Part No.:	SL-910 (220-240VAC)
Appearance:	Milky
Dimension:	W14xH17mm [W0.55xH0.67in.]
Length:	(100/500/1000)mm [(4/20/40)in.]
Installation:	Surface (Magnet/Adhesive Tape/Clips)

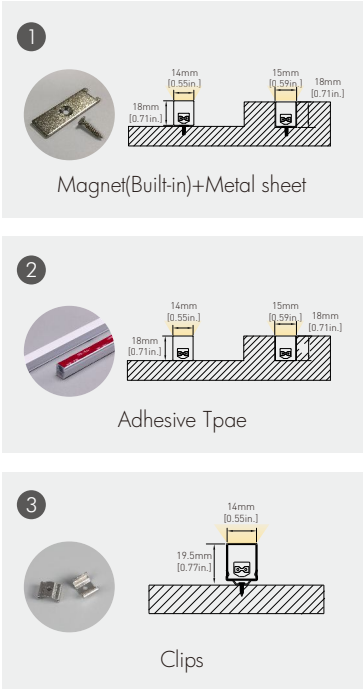
Power:	(0.95/4.8/9.6)W
Voltage:	220-240VAC
Brightness:	(80/390/780) lm@4000K
Light Efficiency:	81 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF/UNDER CABINET LIGHT Surface Mounting



Application

Ideal for furniture, cabinets, and retail display lighting: cupboards, under-cabinet lights, and showcases



SHELF/UNDER CABINET LIGHT Surface Mounting

AC Nexus Series

Product Feature

- Mini plastic housing, compact structure, soft light in dotless performance.
- AC input using DOB (Driver On Board) technology without extra power supply.
- Seamless Connection with Up to 12 meters Linkable Length.
- High-Efficacy, flicker-free and high PF design.

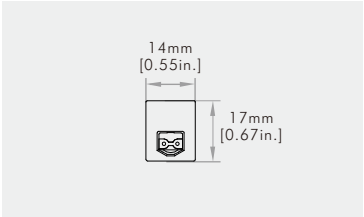


Part No.:	SL-910 (110-120VAC)
Appearance:	Milky
Dimension:	W14xH17mm [W0.55xH0.67in.]
Length:	(100/152/305/610/1217)mm [(4/6/12/24/48)in.]
Installation:	Surface (Magnet/Adhesive Tape/Clips)

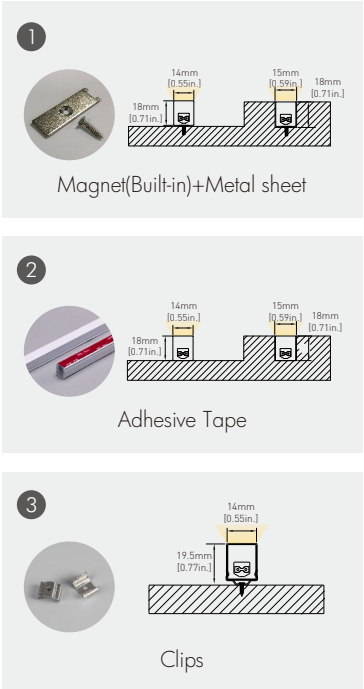
Power:	(1/1.5/3/6/12)W
Voltage:	110-120VAC
Brightness:	(70/110/210/420/840) lm@4000K
Light Efficiency:	70 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Customizable Parameters: Length, CCT, CRI, Lumen, etc. Contact Us for Further Details

Dimension



Installation



SHELF/UNDER CABINET LIGHT Surface Mounting



Application

Ideal for furniture, cabinets, and retail display lighting:
cupboards, under-cabinet lights, and showcases



SHELF/UNDER CABINET LIGHT Surface Mounting

AC Nexus Hinge Series

Product Feature

- Compact structure and homogeneous lighting performance.
- AC line input adopting Driver-On-Board (DOB) technology without extra AC-DC power supply.
- Flicker-free and high PF design complying with Title-24 JA8.
- TRIAC dimming is available with some compatible dimmers.
- Seamless connection with up to 20 meters linkable length.

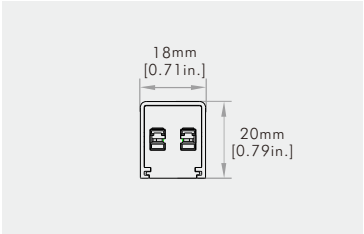


Part No.:	SL-920
Appearance:	Silver (Anodizing)
Dimension:	W18xH20mm [W0.71xH0.79in.]
Length:	152/305/610/912/1217mm [6/12/24/36/48in.]
Installation:	Surface (Magnet/Clips)

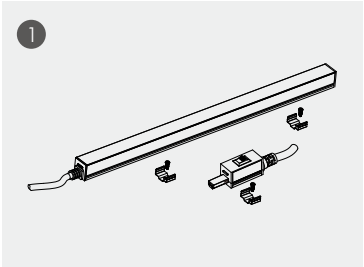
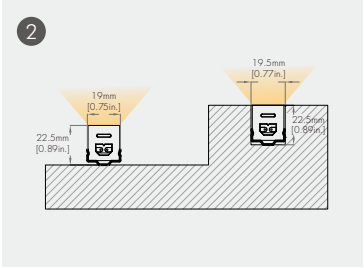
Power:	(2.4/4.8/9.6/14.4/19.2)W
Voltage:	120VAC (110-120VAC)
Brightness:	(140/300/600/890/1190) lm@4000K
Light Efficiency:	62 lm/W@4000K
CRI:	Ra>90
CCT:	2700K/3000K/3500K/4000K/5000K

Note 1: Customized needs are welcome; please contact us for details.

Dimension



Installation





POWER SUPPLY

PGV Series(On/OFF)
Constant Voltage Non-Dimmable Driver

Features

- Ultra-thin design.
- Flicker-free,complaint with ErP standard.
- High PF, high efficiency, low THD.
- Short-circuit, overload protection.
- Two-stage isolation design, safe and reliable.
- Nominal life-time up to 100,000 h.
- 5-year warranty.



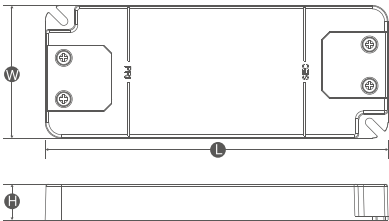
Parameters

Part No.	Input Voltage	Output Power	Output Voltage	Output Current	Power Factor	Certificate	Dimension(mm)
BK-PGV020-XXV0	200-240VAC	20W MAX.	24VDC	0.83A	>0.98	CE/ENEC/UKCA/SAA	L129*W50*H13.5mm [L5.1*W2*H0.5in.]
BK-PGV024-XXV0	200-240VAC	24W MAX.	12/24VDC	2/1A	>0.99	CE/ENEC/UKCA/SAA	L129*W50*H13.5mm [L5.1*W2*H0.5in.]
BK-PGV030-XXV0	200-240VAC	30W MAX.	24VDC	1.25A	>0.99	CE/ENEC/UKCA/SAA	L155*W50*H16mm [L6.1*W2*H0.6in.]
BK-PGV036-XXV0	200-240VAC	36W MAX.	24VDC	1.5A	>0.99	CE/ENEC/UKCA/SAA	L155*W50*H16mm [L6.1*W2*H0.6in.]
BK-PGV048-XXV0	200-240VAC	48W MAX.	24VDC	2A	>0.99	CE/ENEC/UKCA/SAA	L160*W57.5*H18mm [L6.3*W2.3*H0.7in.]
BK-PGV060-XXV0	200-240VAC	60W MAX.	12/24VDC	5/2.5A	>0.99	CE/ENEC/UKCA/SAA	L160*W57.5*H18mm [L6.3*W2.3*H0.7in.]
BK-PGV072-XXV0	200-240VAC	72W MAX.	24VDC	3A	>0.99	CE/ENEC/UKCA/SAA	L185*W63.5*H22mm [L7.3*W2.5*H0.9in.]
BK-PGV100-XXV0	200-240VAC	100W MAX.	12/24VDC	8.4/4.2A	>0.99	CE/ENEC/UKCA/SAA	L185*W63.5*H22mm [L7.3*W2.5*H0.9in.]

Specifications

Rated Input Voltage:	200-240VAC/200-240VDC
Limited Voltage:	180-264VAC/200-264VDC
Input Frequency:	50/60Hz
Output Type:	SELV
Voltage Accuracy:	±5%
Power On Time	<0.5s
Dimming Range:	N/A
Surge:	L-N: 2KV
Flicker-Free:	Pst LM<1, SVM<0.4
Operation Temperature:	Ta=-20-45℃
Environmental Location:	Dry&Damp (IP20)
Life Time:	Normal 100,000 hours
Warranty:	5 years

Dimension (unit:mm)



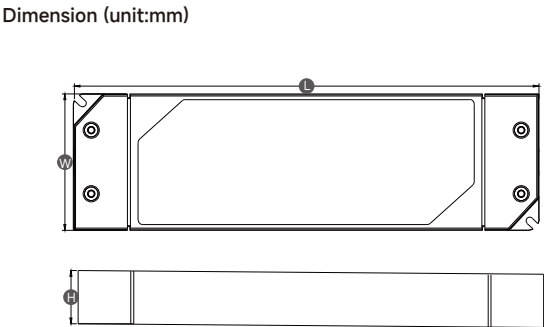
TFL Series (ON/OFF)
Constant Voltage Non-Dimmable Driver

- Features**
- Constant Voltage non dimmable on/off driver.
 - Full range input voltage 100-277VAC.
 - High PF, high efficiency, low THD.
 - SELV and Class 2 design.
 - UL certification.
 - Suitable for dry and damp location.
 - Nominal lifetime up to 100,000 h.
 - 5-year warranty.



Part No.	Input Voltage	Output Power	Output Voltage	Output Current	Power Factor	Certificate	Dimension(mm)
TFL-12V030W-NDA	100-277VAC	30W MAX.	12VDC	2.5A	>0.95	UL/cUL/FCC/Class 2/Class P/RoHS	L156*W56*H20mm [L6.1*W2.2*H0.79in.]
TFL-24V030W-NDA	100-277VAC	30W MAX.	24VDC	1.25A	>0.95	UL/cUL/FCC/Class 2/Class P/RoHS	L156*W56*H20mm [L6.1*W2.2*H0.79in.]
TFL-12V060W-NDA	100-277VAC	60W MAX.	12VDC	5A	>0.95	UL/cUL/FCC/Class 2/Class P/RoHS	L180*W61*H25mm [L7.1*W2.4*H1in.]
TFL-24V060W-NDA	100-277VAC	60W MAX.	24VDC	2.5A	>0.95	UL/cUL/FCC/Class 2/Class P/RoHS	L180*W61*H25mm [L7.1*W2.4*H1in.]
TFL-12V096W-NDA	100-277VAC	96W MAX.	12VDC	8A	>0.95	UL/cUL/FCC/Class P/RoHS	L205*W61*H25mm [L8.1*W2.4*H1in.]
TFL-24V096W-NDA	100-277VAC	96W MAX.	24VDC	4A	>0.95	UL/cUL/FCC/Class 2/Class P/RoHS	L205*W61*H25mm [L8.1*W2.4*H1in.]

Specifications	
Rated Input Voltage:	100-277VAC
Limited Voltage:	100-305VAC
Input Frequency:	50/60Hz
Output Type:	SELV
Voltage Accuracy:	±5%
Power On Time	<0.5s
Dimming Range:	N/A
Surge:	L-N: 2KV
Flicker-Free:	Pst LM<1, SVM<0.4
Operation Temperature:	Ta=-20-45°C
Environmental Location:	Dry&Damp (IP20)
Life Time:	Normal 100,000 hours
Warranty:	5 years



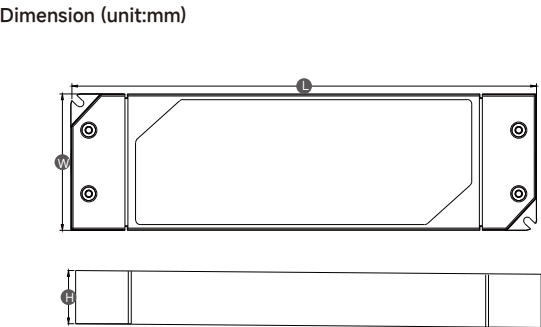
TFL Series (Phase Dimming)
Constant Voltage Triac Dimmable Driver

- Features**
- Support Forward phase/Reverse phase/ELV/MLV/Triac dimming.
 - Full range input voltage 100-277VAC.
 - Soft dimming and flicker-free at any brightness.
 - Dimming range 0.1-100%, support multiple lights dimming.
 - High PF, high efficiency, low THD.
 - SELV and Class 2 design.
 - UL certification.
 - Suitable for dry and damp location.
 - Nominal lifetime up to 100,000 h.
 - 5-year warranty.



Part No.	Input Voltage	Output Power	Output Voltage	Output Current	Power Factor	Certificate	Dimension(mm)
TFL-12V030W-TDA	100-277VAC	30W MAX.	12VDC	2.5A	>0.95	UL/cUL/FCC/Class 2/Class P/RoHS	L156*W56*H20mm [L6.1*W2.2*H0.79in.]
TFL-24V030W-TDA	100-277VAC	30W MAX.	24VDC	1.25A	>0.95	UL/cUL/FCC/Class 2/Class P/RoHS	L156*W56*H20mm [L6.1*W2.2*H0.79in.]
TFL-12V060W-TDA	100-277VAC	60W MAX.	12VDC	5A	>0.95	UL/cUL/FCC/Class 2/Class P/RoHS	L180*W61*H25mm [L7.1*W2.4*H1in.]
TFL-24V060W-TDA	100-277VAC	60W MAX.	24VDC	2.5A	>0.95	UL/cUL/FCC/Class 2/Class P/RoHS	L180*W61*H25mm [L7.1*W2.4*H1in.]
TFL-12V096W-TDA	100-277VAC	96W MAX.	12VDC	8A	>0.95	UL/cUL/FCC/Class P/RoHS	L205*W61*H25mm [L8.1*W2.4*H1in.]
TFL-24V096W-TDA	100-277VAC	96W MAX.	24VDC	4A	>0.95	UL/cUL/FCC/Class 2/Class P/RoHS	L205*W61*H25mm [L8.1*W2.4*H1in.]

Specifications	
Rated Input Voltage:	100-277VAC
Limited Voltage:	100-305VAC
Input Frequency:	50/60Hz
Output Type:	SELV
Voltage Accuracy:	±5%
Power On Time	<0.5s
Dimming Range:	0.1-100%
Surge:	L-N: 2KV
Flicker-Free:	Pst LM<1, SVM<0.4
Operation Temperature:	Ta=-20-45°C
Environmental Location:	Dry&Damp (IP20)
Life Time:	Normal 100,000 hours
Warranty:	5 years



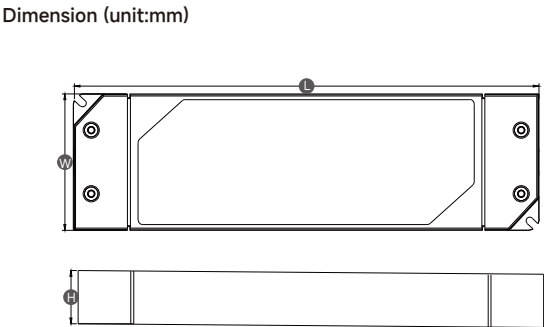
TFL Series (1-10V/0-10V/10V PWM/Rx)
Constant Voltage 4 in 1 Dimmable Driver

- Features**
- Support isolate interface dimming 0-10V/1-10V/10V PWM/Rx dimming.
 - Full range input voltage 100-277VAC.
 - Soft dimming and flicker-free at any brightness.
 - Dimming range 0.1~100%, support multiple lights dimming.
 - High PF, high efficiency, low THD.
 - SELV and Class 2 design.
 - UL certification.
 - Suitable for dry and damp location.
 - Nominal lifetime up to 100,000 h.
 - 5-year warranty.



Part No.	Input Voltage	Output Power	Output Voltage	Output Current	Power Factor	Certificate	Dimension(mm)
TFL-12V030W-MDA	100-277VAC	30W MAX.	12VDC	2.5A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L156*W56*H20mm [L6.1*W2.2*H0.79in.]
TFL-24V030W-MDA	100-277VAC	30W MAX.	24VDC	1.25A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L156*W56*H20mm [L6.1*W2.2*H0.79in.]
TFL-12V060W-MDA	100-277VAC	60W MAX.	12VDC	5A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L180*W61*H25mm [L7.1*W2.4*H1in.]
TFL-24V060W-MDA	100-277VAC	60W MAX.	24VDC	2.5A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L180*W61*H25mm [L7.1*W2.4*H1in.]
TFL-12V096W-MDA	100-277VAC	96W MAX.	12VDC	8A	>0.95	UL/cUL/FCC/ Class P/RoHS	L205*W61*H25mm [L8.1*W2.4*H1in.]
TFL-24V096W-MDA	100-277VAC	96W MAX.	24VDC	4A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L205*W61*H25mm [L8.1*W2.4*H1in.]

Specifications	
Rated Input Voltage:	100-277VAC
Limited Voltage:	100-305VAC
Input Frequency:	50/60Hz
Output Type:	SELV
Voltage Accuracy:	±5%
Power On Time	<0.5s
Dimming Range:	0.1-100%
Surge:	L-N: 2KV
Flicker-Free:	Pst LM<1, SVM<0.4
Operation Temperature:	Ta=-20-45°C
Environmental Location:	Dry&Damp (IP20)
Life Time:	Normal 100,000 hours
Warranty:	5 years



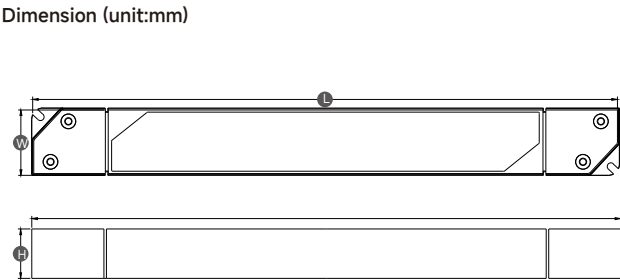
TPL Series (ON/OFF)
Constant Voltage Non-Dimmable Driver

- Features**
- Constant Voltage non dimmable on/off driver.
 - Full range input voltage 100-277VAC.
 - High PF, high efficiency, low THD.
 - SELV and Class 2 design.
 - UL certification.
 - Suitable for dry and damp location.
 - Nominal lifetime up to 100,000 h.
 - 5-year warranty.



Part No.	Input Voltage	Output Power	Output Voltage	Output Current	Power Factor	Certificate	Dimension(mm)
TPL-12V030W-NDA	100-277VAC	30W MAX.	12VDC	2.5A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L262*W31*H20mm [L10.3*W1.2*H0.79in.]
TPL-24V030W-NDA	100-277VAC	30W MAX.	24VDC	1.25A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L262*W31*H20mm [L10.3*W1.2*H0.79in.]
TPL-12V060W-NDA	100-277VAC	60W MAX.	12VDC	5A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L302*W31*H20mm [L11.9*W1.2*H0.79in.]
TPL-24V060W-NDA	100-277VAC	60W MAX.	24VDC	2.5A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L302*W31*H20mm [L11.9*W1.2*H0.79in.]
TPL-12V096W-NDA	100-277VAC	96W MAX.	12VDC	8A	>0.95	UL/cUL/FCC/ Class P/RoHS	L332*W31*H23mm [L13*W1.2*H0.9in.]
TPL-24V096W-NDA	100-277VAC	96W MAX.	24VDC	4A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L332*W31*H23mm [L13*W1.2*H0.9in.]

Specifications	
Rated Input Voltage:	100-277VAC
Limited Voltage:	100-305VAC
Input Frequency:	50/60Hz
Output Type:	SELV
Voltage Accuracy:	±5%
Power On Time	<0.5s
Dimming Range:	N/A
Surge:	L-N: 2KV
Flicker-Free:	Pst LM<1, SVM<0.4
Operation Temperature:	Ta=-20-45°C
Environmental Location:	Dry&Damp (IP20)
Life Time:	Normal 100,000 hours
Warranty:	5 years



TPL Series (Phase Dimming)
Constant Voltage Triac Dimmable Driver

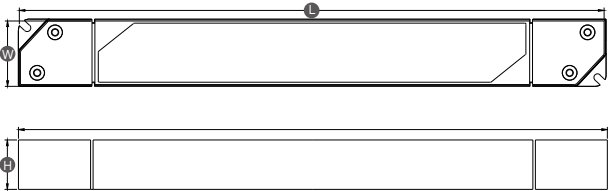
- Features**
- Support Forward phase/Reverse phase/ELV/MLV/Triac dimming.
 - Full range input voltage 100-277VAC.
 - Soft dimming and flicker-free at any brightness.
 - Dimming range 0.1~100%, support multiple lights dimming.
 - High PF, high efficiency, low THD.
 - SELV and Class 2 design.
 - UL certification.
 - Suitable for dry and damp location.
 - Nominal lifetime up to 100,000 h.
 - 5-year warranty.



Part No.	Input Voltage	Output Power	Output Voltage	Output Current	Power Factor	Certificate	Dimension(mm)
TPL-12V030W-TDA	100-277VAC	30W MAX.	12VDC	2.5A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L262*W31*H20mm [L10.3*W1.2*H0.79in.]
TPL-24V030W-TDA	100-277VAC	30W MAX.	24VDC	1.25A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L262*W31*H20mm [L10.3*W1.2*H0.79in.]
TPL-12V060W-TDA	100-277VAC	60W MAX.	12VDC	5A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L302*W31*H20mm [L11.9*W1.2*H0.79in.]
TPL-24V060W-TDA	100-277VAC	60W MAX.	24VDC	2.5A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L302*W31*H20mm [L11.9*W1.2*H0.79in.]
TPL-12V096W-TDA	100-277VAC	96W MAX.	12VDC	8A	>0.95	UL/cUL/FCC/ Class P/RoHS	L332*W31*H23mm [L13*W1.2*H0.9in.]
TPL-24V096W-TDA	100-277VAC	96W MAX.	24VDC	4A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L332*W31*H23mm [L13*W1.2*H0.9in.]

Specifications	
Rated Input Voltage:	100-277VAC
Limited Voltage:	100-305VAC
Input Frequency:	50/60Hz
Output Type:	SELV
Voltage Accuracy:	±5%
Power On Time	<0.5s
Dimming Range:	0.1-100%
Surge:	L-N: 2KV
Flicker-Free:	Pst LM<1, SVM<0.4
Operation Temperature:	Ta=-20-45°C
Environmental Location:	Dry&Damp (IP20)
Life Time:	Normal 100,000 hours
Warranty:	5 years

Dimension (unit:mm)



TPL Series (1-10V/0-10V/10V PWM/Rx)
Constant Voltage 4 in 1 Dimmable Driver

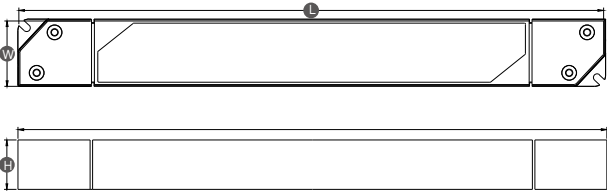
- Features**
- Support isolate interface dimming 0-10V/1-10V/10V PWM/Rx dimming.
 - Full range input voltage 100-277VAC.
 - Soft dimming and flicker-free at any brightness.
 - Dimming range 0.1~100%, support multiple lights dimming.
 - High PF, high efficiency, low THD.
 - SELV and Class 2 design.
 - UL certification.
 - Suitable for dry and damp location.
 - Nominal lifetime up to 100,000 h.
 - 5-year warranty.



Part No.	Input Voltage	Output Power	Output Voltage	Output Current	Power Factor	Certificate	Dimension(mm)
TPL-12V030W-MDA	100-277VAC	30W MAX.	12VDC	2.5A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L262*W31*H20mm [L10.3*W1.2*H0.79in.]
TPL-24V030W-MDA	100-277VAC	30W MAX.	24VDC	1.25A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L262*W31*H20mm [L10.3*W1.2*H0.79in.]
TPL-12V060W-MDA	100-277VAC	60W MAX.	12VDC	5A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L302*W31*H20mm [L11.9*W1.2*H0.79in.]
TPL-24V060W-MDA	100-277VAC	60W MAX.	24VDC	2.5A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L302*W31*H20mm [L11.9*W1.2*H0.79in.]
TPL-12V096W-MDA	100-277VAC	96W MAX.	12VDC	8A	>0.95	UL/cUL/FCC/ Class P/RoHS	L332*W31*H23mm [L13*W1.2*H0.9in.]
TPL-24V096W-MDA	100-277VAC	96W MAX.	24VDC	4A	>0.95	UL/cUL/FCC/ Class 2/Class P/RoHS	L332*W31*H23mm [L13*W1.2*H0.9in.]

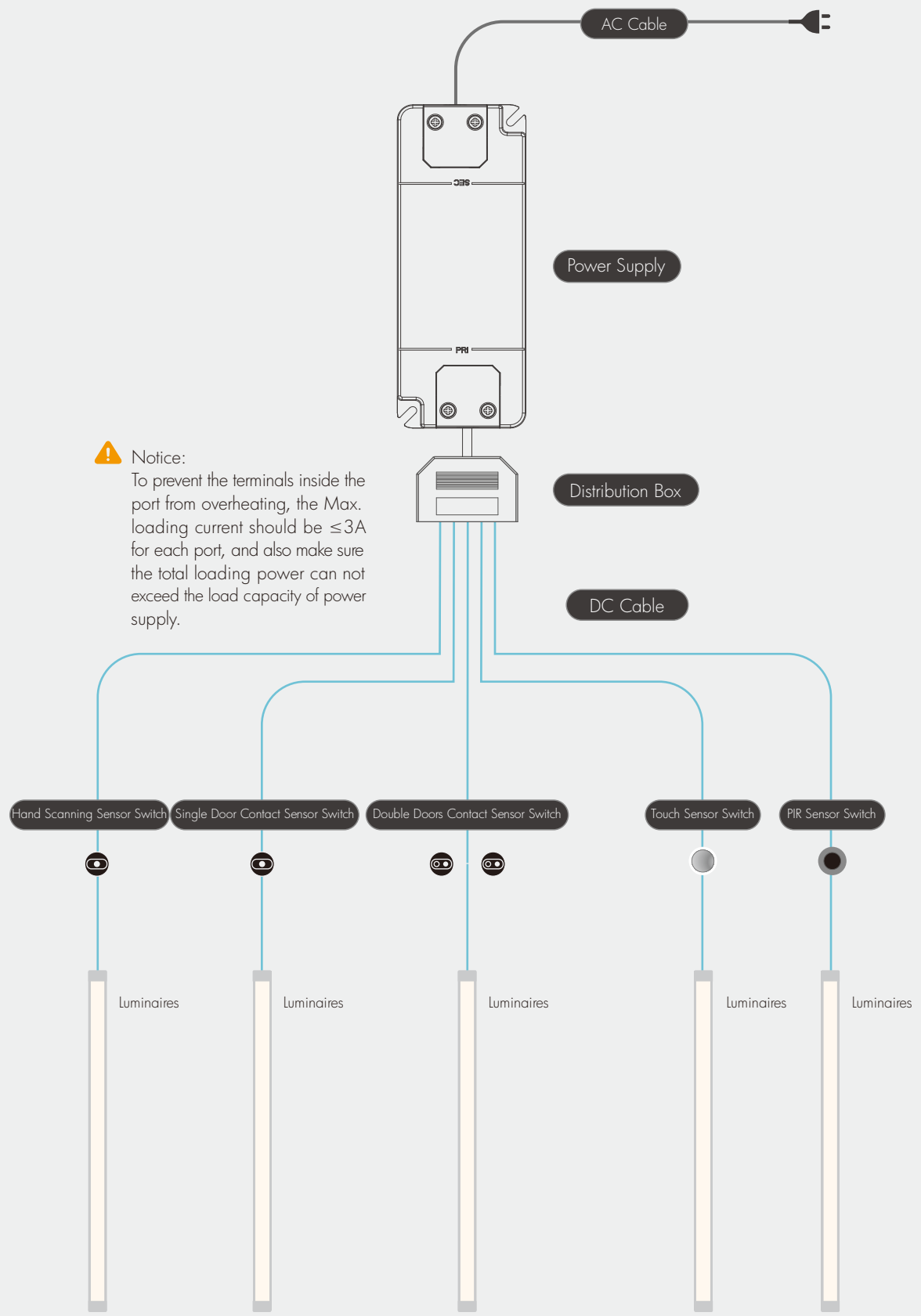
Specifications	
Rated Input Voltage:	100-277VAC
Limited Voltage:	100-305VAC
Input Frequency:	50/60Hz
Output Type:	SELV
Voltage Accuracy:	±5%
Power On Time	<0.5s
Dimming Range:	0.1-100%
Surge:	L-N: 2KV
Flicker-Free:	Pst LM<1, SVM<0.4
Operation Temperature:	Ta=-20-45°C
Environmental Location:	Dry&Damp (IP20)
Life Time:	Normal 100,000 hours
Warranty:	5 years

Dimension (unit:mm)



SENSOR SWITCH

CONNECTION DIAGRAM

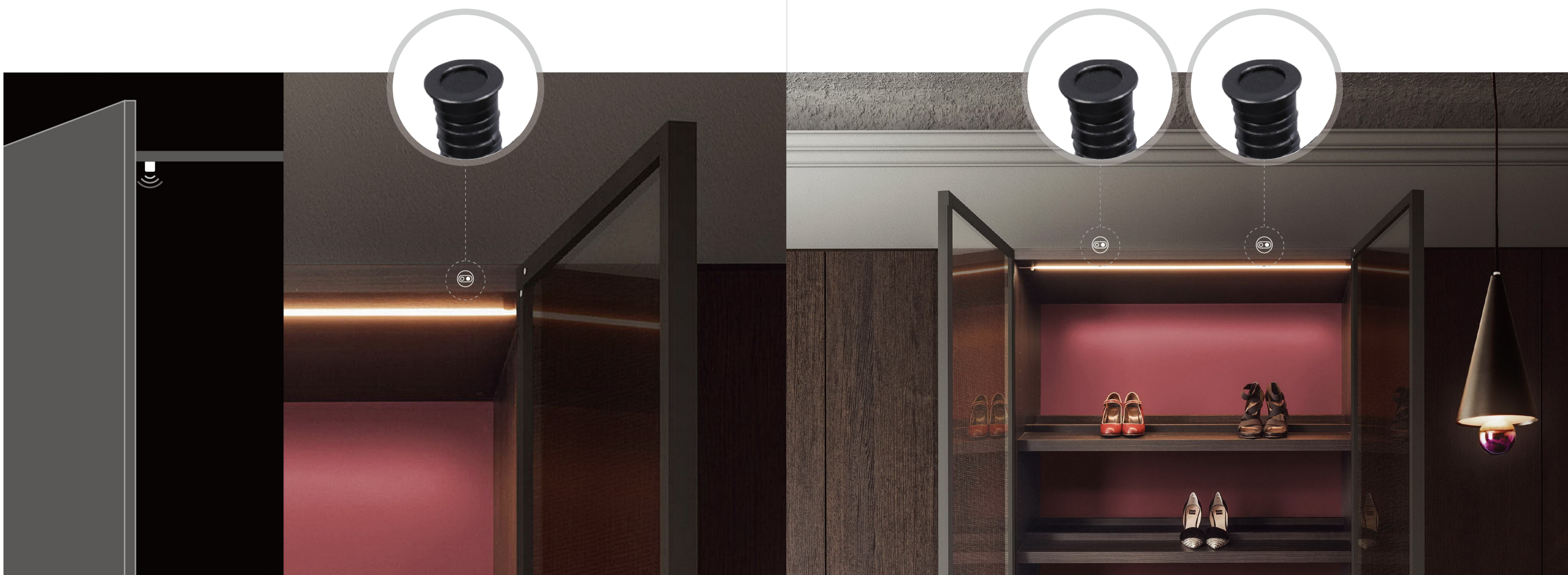


PIR Sensor Switch-Surface or Flush Mounting



Part No.	Hole Size	Feature		
		Rated Voltage	Rated Current	Others
GLRES-B1203B-PIR (postpositioned)	Φ14xH15mm [Φ0.6xH0.59in.]	DC12-24V	3A	Delay time in 35 seconds, gradually brighten and fade. Detecting scope is a cone with distance ≤5M [16.4ft.] and angle in 120°. 1.2m [3.94ft] UL2468 AWG22 Black Cable with Mini Black Male Plug (L813) Input & Female Plug (L815) Output

SENSOR SWITCH



Door Contact Sensor Switch (Single Door)-Surface or Flush Mounting



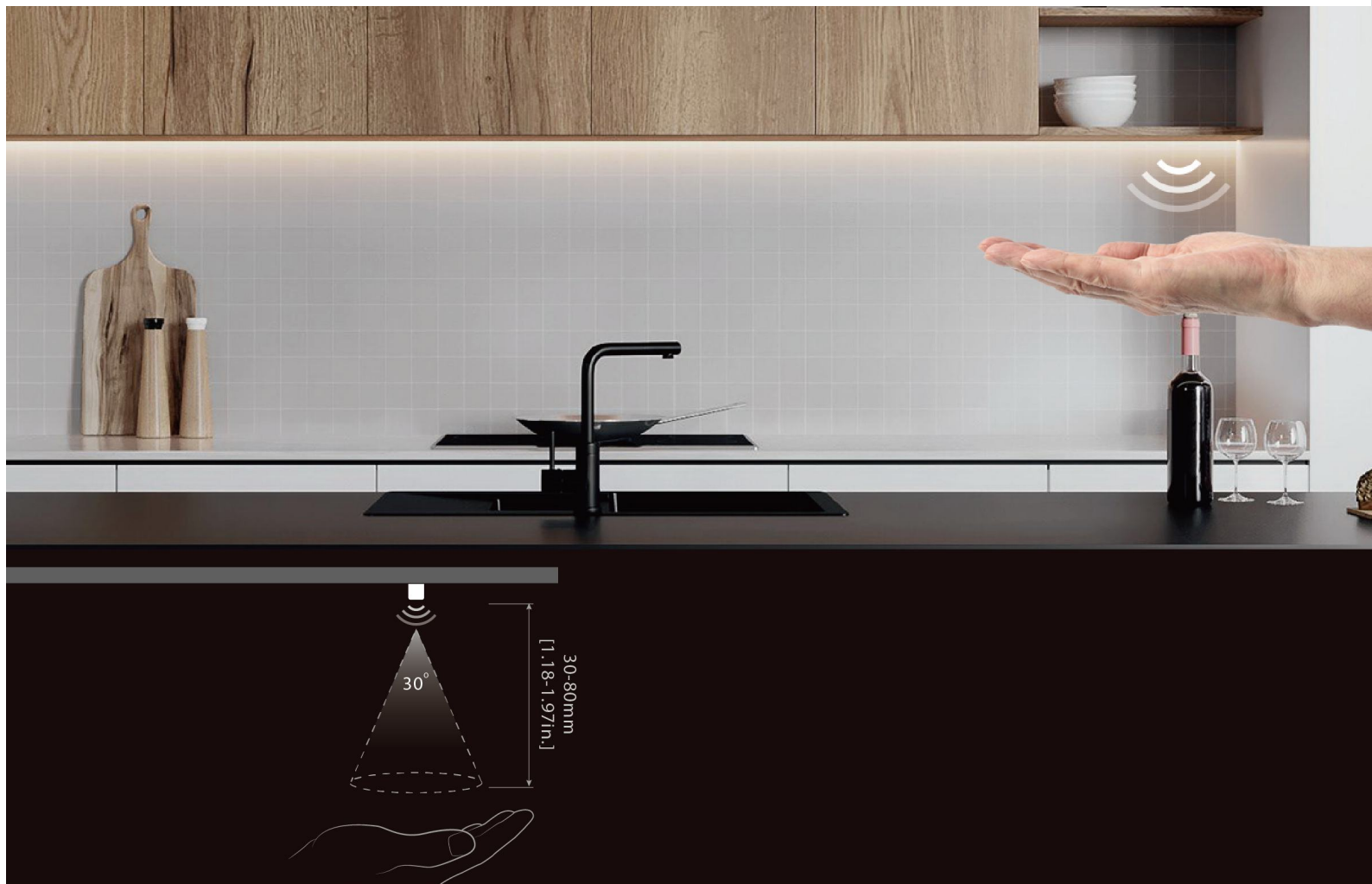
Part No.	Hole Size	Feature		
		Rated Voltage	Rated Current	Others
Single Door GLRES-B1203B-M1 (postpositioned)	Φ8xH12mm [Φ0.31xH0.47in.]	DC12-24V	3A	Gradually brighten and fade.
		1.2m [3.94ft] UL2468 AWG22 Black Cable with Mini Black Male Plug (L813) Input & Female Plug (L815) Output		

Door Contact Sensor Switch (Dual Doors)-Surface or Flush Mounting



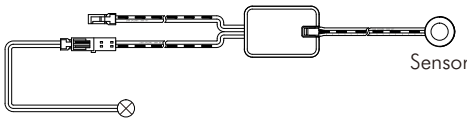
Part No.	Hole Size	Feature		
		Rated Voltage	Rated Current	Others
Dual Doors GLRES-B1203B-M2 (postpositioned)	Φ8xH12mm [Φ0.31xH0.47in.]	DC12-24V	3A	Detecting scope is a cone with distance in 30-80mm[1.18-3.15in.] and angle in 30°.
		1.2m [3.94ft] UL2468 AWG22 Black Cable with Mini Black Male Plug (L813) Input & Female Plug (L815) Output		

SENSOR SWITCH



Hand Scanning Sensor Switch-Surface or Flush Mounting

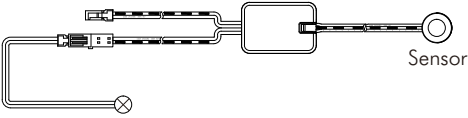


Part No.	Hole Size	Feature		
		Rated Voltage	Rated Current	Others
GLRES-B1203B-IR (postpositioned)	Φ8xH12mm [Φ0.31xH0.47in.]	DC12-24V	3A	Gradually brighten and fade.
		Detecting scope is a cone with distance in 30-80mm[1.18-3.15in.] and angle in 30°. 1.2m [3.94ft] UL2468 AWG22 Black Cable with Mini Black Male Plug (L813) Input & Female Plug (L815) Output		



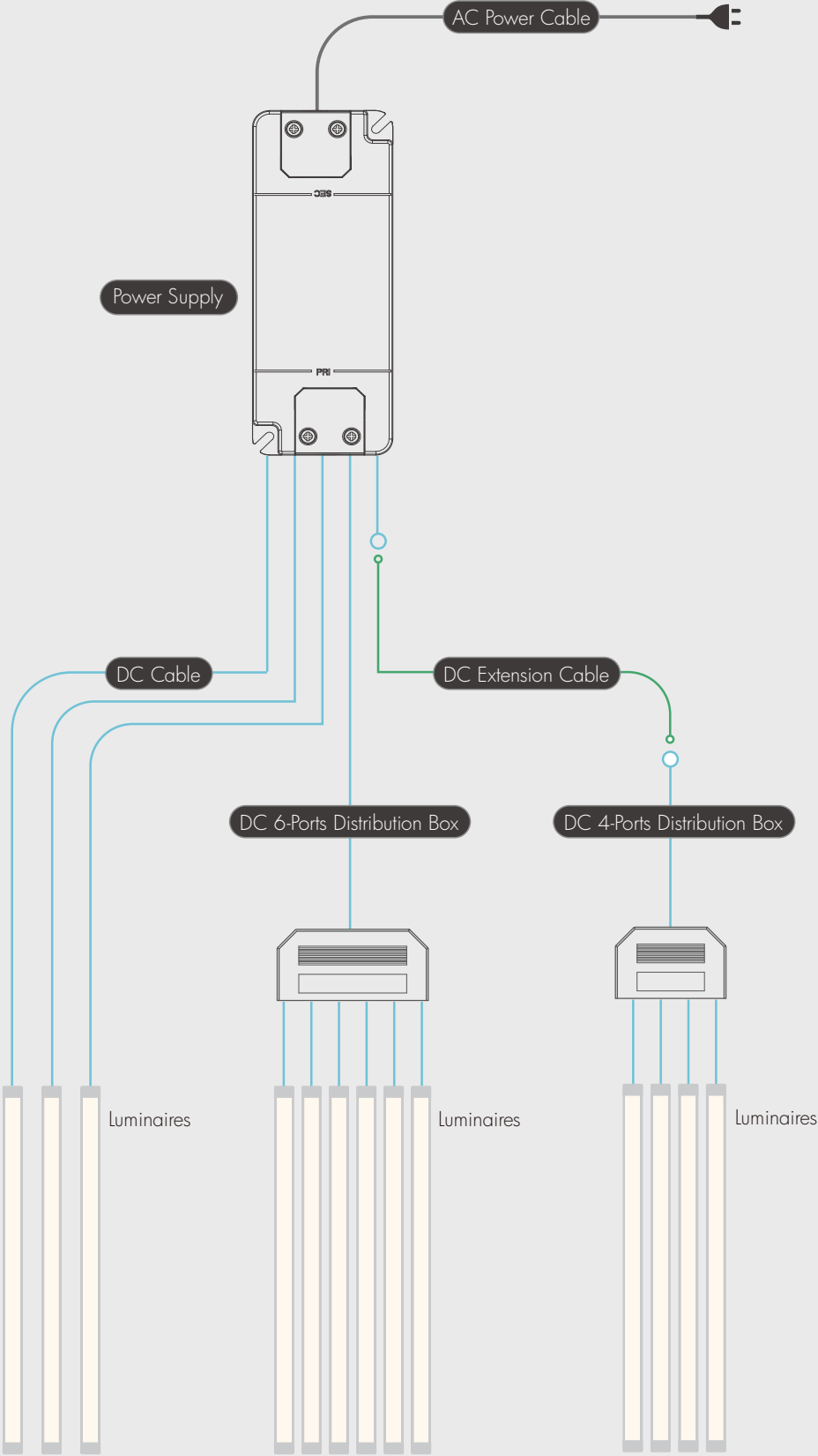
Touch Sensor Switch (Dimmable)-flush Mounting



Part No.	Hole Size	Feature		
		Rated Voltage	Rated Current	Others
GLRES-B1203B-T1 (postpositioned)	Φ17xH12mm [Φ0.67xH0.47in.]	DC12-24V	3A	With memory function, or/off by short touch, dimming by long touch, gradually brighten and fade.
		5%-100% dimming 1.2m [3.94ft] UL2468 AWG22 Black Cable with Mini Black Male Plug (L813) Input & Female Plug (L815) Output		

CONNECTION & WIRING

Connection Wiring Diagram



DC 6-Port Distribution Box (Male Plug Type)

Part No.	Size	Feature		
		Rated Voltage	Rated Current	Others
GLRES-B12030B1	59x38x10.5mm [2.32x1.5x0.41 in.]	DC12-24V	3A	0.5M[1.64ft.] AWG22 cable, Mini black male plug (L813) input, Black female plug (L815) output



DC 6-Port Distribution Box (Bare Wire Type)

Part No.	Size	Feature		
		Rated Voltage	Rated Current	Others
GLRES-B12030B2	59x38x10.5mm [2.32x1.5x0.41 in.]	DC12-24V	3A	0.5M[1.64ft.] AWG22 cable, Bare cable input, Mini black female plug (L815) output



DC 4-Ports Distribution Box (Male Plug Type)

Part No.	Size	Feature		
		Rated Voltage	Rated Current	Others
GLRES-B12030C1	42x38x10.5mm [1.65x1.5x0.41 in.]	DC12-24V	3A	0.2M[0.66ft.] length of UL2468 AWG22 black cable with input plug L813



DC Extension Cable

Part No.	Length	Feature		
		Rated Voltage	Rated Current	Others
GLRES-T12030B1	L:2M [L:78.74in.]	DC12-24V	3A	2M[6.56ft.] AWG22, Mini black male plug (L813) input, Black female plug (L815) output