LED Striplight 2016 Super Slim North America 7.2W/m, 14.4W/m

Features

· Extremely energy saving with low power consumption
· High brightness, multi-functional for linear decoration
· Long average life 30000 hours
· Good color rendition
· Low thermal output with no IR and harmful UV
· No mercury and hazardous substances
· Dimmable as option
· Color Rendering Index: ≥90
· LED Driver Controllers: 12V/24V LED Driver, LED Dimmer (With Remote Control Device), LED Manual Controller, LED Remote Controller
· Connectors: 2 Pin Quick Connector, Strip-to-Wire, Strip-to-Strip, 'I' Type Fast Plug, 'T' Type Fast Plug, Wire-to-Wire Fast Plug
· Profiles: Surface mounted
· Extra profiles and accessories need to order separately



Diagrams

LED Driver Controllers:



12V/24V
LED Driver



LED Dimmer
(With Remote
Control Device)



LED Manual
Controller

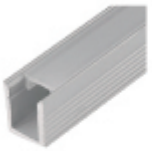


LED Remote
Controller

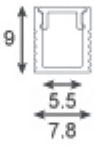
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Profiles:



Surface mounted



* Extra profiles and accessories need to order separately.

Connectors:



2 Pin Quick Connector

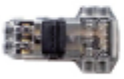
Strip-to-Wire



Strip-to-Strip



'I' Type Fast Plug

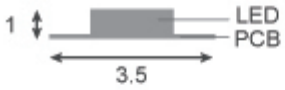


'T' Type Fast Plug

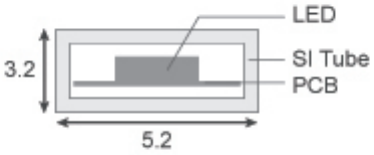


Wire-to-Wire Fast Plug

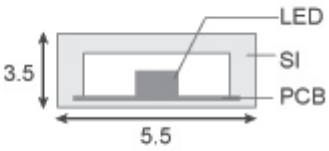
Dimensions:



IP20



IP65



IP67-R

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Standards

IP20 IP65 IP67

Applications

Home | Shopping mall | Hotel | Supermarket | Restaurant | Gallery | Museum

Technical Data	
Electrical	
Rated Wattage [W]	7.2W/m, 14.4W/m
Rated Voltage [V/Hz]	100-277V, 50/60Hz
Power Factor @120V	0.95
Input Current [mA] @120V	63 / 126
LED	
Model	
LED 2016 7.2W 3.5-60 9XX	7.2W/m, 12V/24VDC
LED 2016 14.4W 3.5-120 9XX	14.4W/m, 24VDC
Luminous Flux [lm]	
7.2W/m	600lm/m @3000K
	615lm/m @4000K
	630lm/m @6500K
14.4W/m	1200lm/m @3000K
	1230lm/m @4000K
	1260lm/m @6500K
Cutting Unit [mm]	
7.2W/m	50mm/3LEDs (12V), 100mm/6LEDs (24V)
14.4W/m	50mm/6LEDs (24V)
Performance	
SDCM	<6
Estimated Yearly Energy Cost [$USD]	0.87/m / 1.73/m
Luminous Efficacy [lm/W]	83-88
Color Rendering Index [Ra]	≥90
Color Maintenance [hr]	>6000
Luminous Intensity Distribution [°]	120
Life [Yrs] (based on 3hrs/day)	27
Lumen Maintenance at 6000hrs	>0.8

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Rapid Cycle Stress	>15,000 cycles
Start Time [sec]	<0.5
LED Failure	<5%
Mechanical	
Length L [mm]	5000 per reel
Width W [mm] x Height H [mm]	IP20 : 3.5 x 1
	IP65 : 5.2 x 3.2
	IP67-R : 5.5 x 3.5
	Surface mounted profile : 7.8 x 9
	60 pcs/m (7.2W/m)
Number of LEDs	120 pcs/m (14.4W/m)
Material	Chips: Epistar
Standard Compliance	
ANSI	UL8750, UL1993, UL1598, C82.77-2002, C78.377-2008
Mercury Content [mg]	0.0
Other	
Dimmable [Y/N]	Optional
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C

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