LED Striplight 3528 & 5050

4.3W/m, 8.6W/m, 13W/m, 17.3W/m, 19W/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
· For all strips with wattage over 14.4W, an aluminium profile must be used
· Dimmable as option
· Color Rendering Index: ≥80
· LED Driver Controllers: 12V/24V LED Driver, LED Dimmer (With Remote Control Device), LED Manual Controller, LED Remote Controller
· Connectors: Bridge Bracket, Channel Bracket, End-Cap
· Profiles: Surface mounted, Recessed
· 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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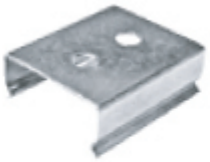
Connectors:

Bridge Bracket

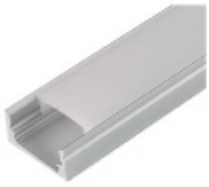


Channel Bracket

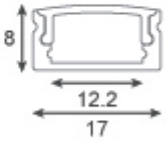
End-Cap

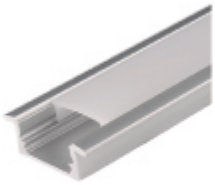
* Extra profiles and accessories need to order separately.

Profiles:

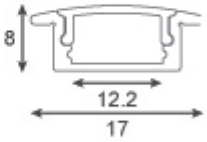


Surface mounted



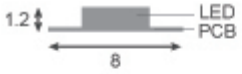


Recessed

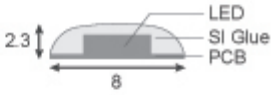


* Extra profiles and accessories need to order separately.

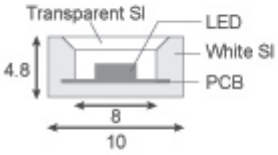
Dimensions:



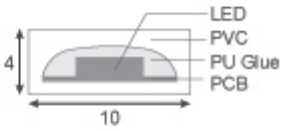
IP20



IP54-S



IP67-RW



IP68

Standards

CE RoHS Compliance IP20 IP54 IP67 IP68

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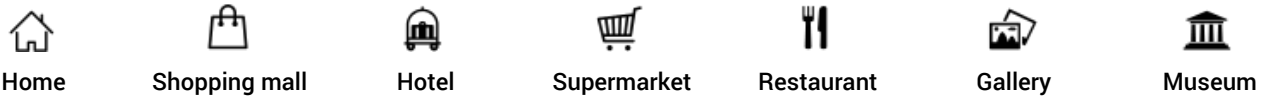
Applications



Technical Data	
Electrical	
Rated Wattage [W]	4.3W/m, 8.6W/m, 13W/m, 17.3W/m, 19W/m
Rated Voltage [V/Hz]	100-277V, 50/60Hz
Power Factor @230V	0.95
Input Current (mA) @230V	20 / 39 / 59 / 79 / 87
LED	SMD 3528 (4.3W/m, 8.6W/m, 17.3W/m)
	SMD 5050 (13W/m, 19W/m)
Model	
LED 3528 4.3W 10-60 8XX	4.3W/m, 12V/24VDC
LED 3528 8.6W 10-120 8XX	8.6W/m, 12V/24VDC
LED 3528 17.3W 10-240 8XX	17.3W/m, 12V/24VDC
LED 5050 13W 10-60 8XX	13W/m, 12V/24VDC
LED 5050 19W 10-120 8XX	19W/m, 24VDC
Luminous Flux [lm]	
4.3W/m	300lm/m @3000K
	310lm/m @4000K
	320lm/m @6500K
8.6W/m	600lm/m @3000K
	615lm/m @4000K
	630lm/m @6500K
17.3W/m	1250lm/m @3000K
	1275lm/m @4000K
	1300lm/m @6500K
13W/m	950lm/m @3000K
	975lm/m @4000K
	1000lm/m @6500K
19W/m	1650lm/m @3000K
	1700lm/m @4000K
	1750lm/m @6500K
Cutting Unit [mm]	
4.3W/m	50mm/3LEDs (12V), 100mm/6LEDs (24V)
8.6W/m	25mm/3LEDs (12V), 50mm/6LEDs (24V)
17.3W/m	12.5mm/3LEDs (12V), 25mm/6LEDs (24V)
13W/m	50mm/3LEDs (12V), 100mm/6LEDs (24V)

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19W/m	100mm/6LEDs (24V)
Performance	
SDCM	<6
Efficacy [lm/W]	70-92
Color Rendering Index [Ra]	≥80
Beam Angle [°]	120
Rated Life, Ta@25°C [hrs]	30,000
Lamp Survival Factor at 6000hrs	>0.9
Lumen Maintenance at 6000hrs	>0.8
Number of Switching Cycles Before Failure	>15,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Mechanical	
Length L [mm]	5000 per reel
Width W [mm] x Height H [mm]	IP20 : 8 x 1.2
	IP54-S : 8 x 2.3
	IP67-RW : 10 x 4.8
	IP68 : 10 x 4
	Once the strip light is cut, IP68 is no longer guaranteed
	Surface mounted profile : 17 x 8
	Recessed profile : 17 x 8
Number of LEDs	60 pcs/m (4.3W/m, 13W/m, 19W/m)
	120 pcs/m (8.6W/m)
	240 pcs/m (17.3W/m)
Material	Chips: Epistar
Standard Compliance	
CE-LVD	EN62560
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
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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