LED Striplight Tunable White
9.16W/m

Features

· Extremely energy saving with low power consumption

· High brightness, multi-functional for linear decoration

· Long average life 30000 hours

· Tunable White from 2500K to 6500K

· Low thermal output with no IR and harmful UV

· No mercury and hazardous substances

· LED Driver Controllers: 24V LED Driver, LED CCT Controller, LED
    Touch CCT Controller, LED Remote CCT Dimming Controller

· Connectors: 4 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, Recessed

· Extra profiles and accessories need to order separately

· Dimmable as option

· High color rendition, Ra ≥90

Diagrams

LED Driver Controllers:

12V/24V LED Driver   LED CCT Controller   LED Touch CCT Controller   LED Remote CCT Dimming Controller

Connectors:

4 Pin Quick Connector

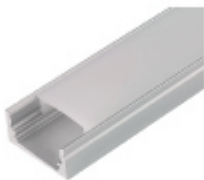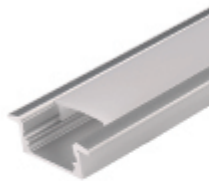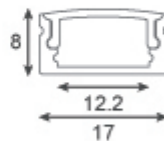**Strip-to-Wire**

Strip-to-Strip

'I' Type Fast Plug

'T' Type Fast Plug

Wire-to-Wire Fast Plug
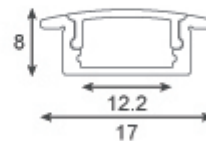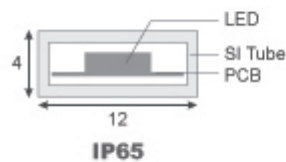
Profiles:

Surface mounted

8

12.2

17

Recessed

8

12.2

17

* Extra profiles and accessories need to order separately.

Dimensions:

1 — LED / PCB
10
IP20

2.2 — LED / SI Glue / PCB
10
IP54-S

4 — LED / SI Tube / PCB
12
IP65

4.8 — LED / SI / PCB
12
IP67-R

Standards

CE   RoHS Compliance   c(UL)us LISTED   ETL LISTED   III   IP20   IP65

IP67

Applications

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

Technical Data	
Type of Light Source	
Lighting Technology Used	LED
Non-directional or Directional [NDLS/DLS]	NDLS
Mains or Non-mains [MLS/NMLS]	NMLS
Connected Light Source	No
Color tunable light source	No
Envelop [No/Second/Non-Clear]	No
High Luminance Light Source	No
Anti-glare Shield	No
Electrical	
Rated Wattage [W]	9.16W/m
On-mode Power [W]	4.58W/m
Standby Power [W]	N/A
Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	24V DC, 50/60Hz
Power Factor	1
Input Current (mA) @24V	382
LED	SMD 2016
Model	
LED 2016 9.16W 10-120 TW	9.16W/m, 24VDC
Luminous Flux (Useful Luminous Flux) [lm]	
9.16W/m (4.58W/m)	720lm/m (390lm/m) @2500-6000K
Cutting Unit [mm]	
9.16W/m	100mm/12LEDs (24V)
Performance	
SDCM	<6

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Chromaticity coordinates [x, y]	0.44,0.403@3000K / 0.38,0.38@4000K / 0.312,0.335@6500K
Efficacy [lm/W]	85
Color Rendering Index [Ra]	≥90
R9 colour rendering index value	2
Beam Angle [°]	120
Rated Life, Ta@25°C [hrs]	30,000
Lamp Survival Factor	0.9
Lumen Maintenance	0.96
Number of Switching Cycles Before Failure	>15,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Displacement Factor [cosØ]	N/A
Flicker Metric [Pst LM]	N/A
Stroboscopic Effect Metric [SVM]	N/A
Mechanical	
Length L [mm]	5000 per reel
Width W [mm] x Height H [mm]	IP20 : 10 x 1
	IP65 : 12 x 4
	IP67-R : 12 x 4.8
	Surface mounted profile : 17 x 8
	Recessed profile : 17 x 8
Number of LEDs	120 pcs/m
Material	Chips: Epistar
Standard Compliance	
CE-LVD	EN62560
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
Environment	RoHS
Mercury Content [mg]	0.0
Energy Class	G
Other	
Dimmable [Yes/Only with specific dimmers/No]	Y
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Energy Consumption in on-mode [kWh/1000h]	10kWh