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# 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:**







LED CCT Controller



LED Touch CCT Controller



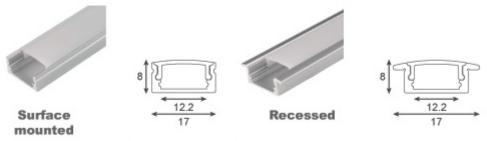
LED Remote CCT Dimming Controller

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#### Connectors:

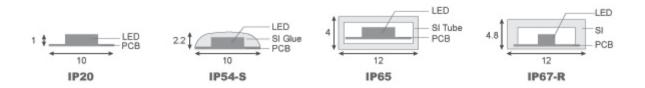


#### **Profiles:**



<sup>\*</sup> Extra profiles and accessories need to order separately.

#### **Dimensions:**





# **Product Series Datasheet**

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## **Standards**











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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# **Product Series Datasheet**

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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]	Υ
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Energy Consumption in on-mode [kWh/1000h]	10kWh