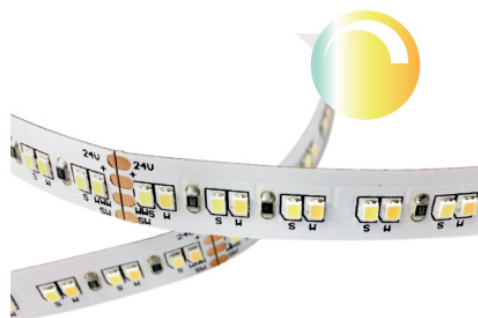


LED Striplight Tunable White North America

9.6W/m, 19.2W/m

Features

- Extremely energy saving with low power consumption
- High brightness, multi-functional for linear decoration
- Long average life 30000 hours
- Selective CCT from 2300K to 6500K
- 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
- 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, Recessed
- Extra profiles and accessories need to order separately
- Dimmable as option
- Color Rendering Index: ≥ 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**

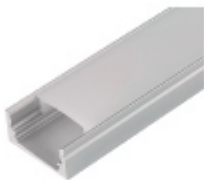


**'T' Type
Fast Plug**

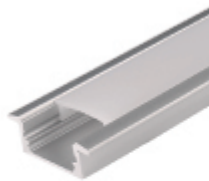
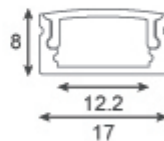


**Wire-to-Wire
Fast Plug**

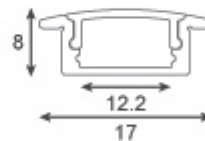
Profiles:



**Surface
mounted**

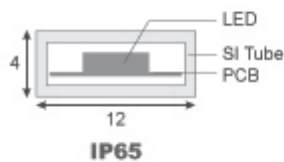
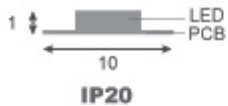


Recessed



* Extra profiles and accessories need to order separately.

Dimensions:



Standards



IP20

IP54

IP65

IP67

Applications



Home



Shopping mall



Hotel



Supermarket



Restaurant



Gallery



Museum

Technical Data

Electrical

Rated Wattage [W]	9.6W/m, 19.2W/m
Rated Voltage [V/Hz]	100-277V, 50/60Hz
Power Factor @120V	0.95
Input Current (mA) @120V	84 / 168
LED	SMD 2016

Model

LED 2016 9.6W 10-120 TW	9.6W/m, 12V/24VDC
LED 2016 19.2W 10-240 TW	19.2W/m, 24VDC

Luminous Flux [lm]

9.6W/m	960lm/m @2300-6500K
19.2W/m	1920lm/m @2300-6500K

Cutting Unit [mm]

9.6W/m	50mm/6LEDs (12V), 100mm/12LEDs (24V)
19.2W/m	50mm/12LEDs (24V)

Performance

SDCM	<6
Estimated Yearly Energy Cost [\$USD]	1.16/m / 2.31/m
Luminous Efficacy [lm/W]	100
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
Rapid Cycle Stress	>15,000 cycles
Start Time [sec]	<0.5
LED Failure	<5%

Mechanical

Prosperity Lamps & Components Ltd.

Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: info@prosperitylamps.com

Length L [mm]	5000 per reel
Width W [mm] x Height H [mm]	IP20 : 10 x 1
	IP54-S : 10 x 2.2
	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 (9.6W/m)
	240 pcs/m (19.2W/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