

LED Smart Striplight RGBTW

24W/5m

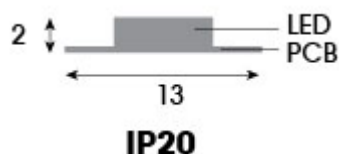
Features

- Extremely energy saving with low power consumption
- High brightness and multi-functional linear decoration
- Work with both mobile and most common smart home devices via Amazon Alexa, Google Home Assistant and Apple HomeKit
- Control in a group or individually and customize your own lighting preferences
- Customize timer schedule to optimize energy efficiency
- Remote control the lamps from anywhere and anytime
- Vivid and multiple color changing with over 16 million colors
- Tunable White from 2700K to 6500K
- Smooth dimming range from 1% to 100%
- Low thermal output with no IR and harmful UV
- No mercury and hazardous substances
- Support Matter protocol
- Good color rendition, Ra ≥80



Diagrams

Dimensions:



Smart Control:



Prosperity Lamps & Components Ltd.

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Standards



IP20



matter

Applications



Home



Shopping mall



Hotel



Supermarket



Restaurant



Gallery



Museum

Technical Data

Electrical

Rated Wattage [W]	24W/5m
Rated Voltage [V/Hz]	100-240V, 50/60Hz
Power Factor @230V	0.5
Input Current (mA) @230V	209

Model

LED 5050 24W 13-360 RGBTW	24W/5m
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Luminous Flux [lm]

24W/5m	2000lm/5m
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Cutting Unit [mm]

24W/5m	125mm/9LEDs
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Performance

SDCM	<6
Efficacy [lm/W]	83
Color Rendering Index [Ra]	≥80
Beam Angle [°]	120
Rated Life, Ta@25°C [hrs]	25,000
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%

Mechanical

Length L [mm]	5000 per reel
Width W [mm] x Height H [mm]	IP20 : 13 x 2
Number of LEDs	360 pcs/5m
Material	SMD 5050

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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]	Yes
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C