

Tagra | Precision LED Strip Light | 288 LEDs/m | 24V | IP67 |
19.8W/m | RGB+2700-6500K

PP24-RGB2765K28830M67 / ITM002984



Tagra | Precision LED Strip Light | 288 LEDs/m | 24V | IP67 | 19.8W/m | RGB+2700-6500K



Cut Points ✂ 62.5mm	IP Rating 💧 IP67	LEDs 📺 288/m	Voltage In ⚡ 24V	Warranty 🛡 7 Years
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SKU: PP24-RGB2765K28830M67
ITM: ITM002984

Key Features:

- **Light Colour:** 2700K-6500K
- **Product Length:** 30m
- **Lm/W (Up To):** 70Lm/W
- **Lm/m (Up To):** 1218Lm/m
- **Dimensions (W x H):** 14 x 5mm

Mechanical Data			
Bend Direction:	Vertical	Body Colour:	White
Cable Both Ends:	Yes	Cable Length:	500mm
Cable Sheath Material:	Silicone	Cable Gauge:	22AWG
LED Chip Brand:	SanAn	LED Chip Type:	SMD
Copper Foil Weight:	2oz	Cut Points:	62.5mm
LED Pitch:	3.47mm	LEDs Per Unit:	18
LEDs Per Metre:	288	LEDs Total:	1440
Min. Bend Radius:	30mm	PCB Type:	Flexible
Product Weight:	420g	Self Adhesive Brand:	3M
Self Adhesive Model Number:	5604VHB	Dimensions (LxWxH):	30000 x 14 x 5mm

Electrical Data			
Constant Voltage / Constant Current:	CV	Current Max. Blue @1 Metre:	0.125A

Electrical Data			
Current Max. Green @1 Metre:	0.125A	Current Max. Red @1 Metre:	0.167A
Current Max. White @1 Metre:	0.33A	Current Max. Rated:	0.825A
Current Max. @5 Metre:	4.13A	Current Typ. @Max Run Length:	3.75A
Max. Run Length:	5m	Wattage Max. @1 Metre:	18W
Wattage Typ. @1 Metre:	18W	Wattage Typ. @5 Metre:	90W
Wattage Typ. @Max Run Length:	90W	Current Max. @1 Metre:	0.825A
Current Typ. @1 Metre:	0.75A		

Input Data	
Input Voltage:	24V

Control Data	
Control Signal Input:	PWM
Dimming Type:	PWM
Dimmable:	Yes

Photometric Data			
Wavelength Blue:	465 - 470	Wavelength Green:	520 - 525
Wavelength Red:	625 - 620	Lumens Per Metre:	1218Lm/m
CCT:	2700K - 6500K	Bin Number:	1
Colour Type:	RGB CCT	CRI:	95
SDCM:	<3	Lumen Total:	36540Lm
Lumens Per Metre (Blue):	56Lm/m	Lumens Per Metre (Red):	117Lm/m
Lumens Per Metre (White):	386Lm/m	Lumens Per Watt (Blue):	19Lm/W
Lumens Per Watt (Green):	86Lm/W	Lumens Per Watt:	70Lm/W
Lumens Per Watt (Red):	30Lm/W	Lumens Per Watt (White):	108Lm/W
Lumens Per Watt (White 2):	99Lm/W	R9 Value:	90

Environmental Data

Body Material:	Silicone	Ingress Protection (IP):	IP67
Interior or Exterior Use:	Exterior	Saltwater Resistant:	Yes
UV Resistant:	Yes	Operating Temperature:	-20°C - 45°C
Storage Humidity:	60%	Storage Temperature:	-20°C - 60°C
Working Humidity:	90%		

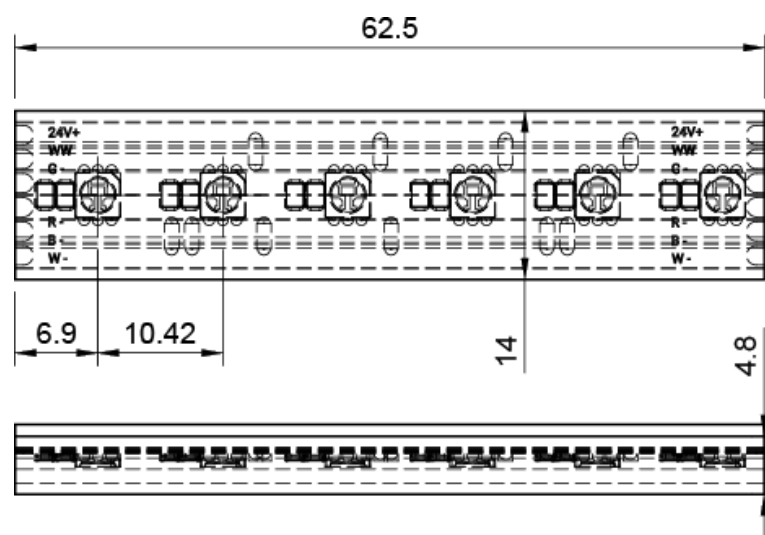
Protection Data

Electrical Safety Class:	III		
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Efficiency Data

L70B50:	Flexible Hours	Lumen Maintenance Factor:	0.96
Rated Life:	50000 Hours	Survival Factor:	0.9

Dimension Drawing



Packaging Data

End Caps Included:	Yes	Packaging Height:	1mm
Packaging Length:	410mm	Packaging Width:	390mm

Disclaimer

Tagra Lighting have taken reasonable care to ensure that the information in this datasheet is accurate at time of publication however it should be noted that all specifications are subject to tolerance. Descriptive specifications such as colour are subjective. Tagra Lighting reserve the right to update specifications without notice. The information in the datasheet may only be relied on by customers of Tagra Lighting in accordance with applicable terms and conditions.

Tagra Lighting is a trading name of T.R Ventures Limited, a company incorporated in England with registered number 07757720. Our registered office is Unit 2, Southfield Industrial Estate, Trafford Park, M17 1SJ.

www.tagra-lighting.co.uk

support@tagra-lighting.co.uk

