

Tagra | Precision LED Strip Light | 240 LEDs/m | 24V | IP67 |
20W/m | RGB+6500K | 5M

PP24-RGB65K2405M67 / ITM002981



Tagra | Precision LED Strip Light | 240 LEDs/m | 24V | IP67 | 20W/m | RGB+6500K | 5M



Cut Points ✂ 83.33mm	IP Rating 💧 IP67	LEDs 📺 240/m	Voltage In ⚡ 24V	Warranty 🛡 7 Years
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SKU: PP24-RGB65K2405M67
ITM: ITM002981

Key Features:

- **Light Colour:** 6500K
- **Product Length:** 5m
- **Lm/W (Up To):** 57Lm/W
- **Lm/m (Up To):** 1145.57Lm/m
- **Dimensions (W x H):** 13 x 12mm

Mechanical Data			
Bend Direction:	Vertical	Body Colour:	White
Cable Both Ends:	Yes	Cable Length:	500mm
Cable Sheath Material:	Silicone	Cable Gauge:	20AWG
LED Chip Brand:	JC_chips	LED Chip Type:	CSP chips
Connector Type:	None	Copper Foil Weight:	3oz
Cut Points:	83.33mm	LED Pitch:	2.98mm
LEDs Per Unit:	0.297619048	LEDs Per Metre:	240
LEDs Total:	3360	Min. Bend Radius:	80mm
PCB Type:	Flexible	Pixels Per Metre:	12
Product Weight:	2460g	Self Adhesive Brand:	3M
Self Adhesive Model Number:	5604VHB	Dimensions (LxWxH):	5000 x 13 x 12mm

Electrical Data			
Constant Voltage / Constant Current:	CV	Current Max. Blue @1 Metre:	0.21A
Current Max. Green @1 Metre:	0.21A	Current Max. Red @1 Metre:	0.21A
Current Max. White @1 Metre:	0.264A	Current Max. Rated:	0.66A
Current Max. @5 Metre:	3.3A	Current Typ. @Max Run Length:	4.16A
Max. Run Length:	5m	Wattage Max. @1 Metre:	20W
Wattage Typ. @1 Metre:	14.5W	Wattage Typ. @5 Metre:	72.5W
Wattage Typ. @Max Run Length:	72.5W	Current Max. @1 Metre:	0.66A
Current Typ. @1 Metre:	0.6A	Current Control Type:	IC

Input Data	
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Input Voltage:	24V
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Control Data	
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Control Signal Input:	PWM	Default PWM Frequency:	2000Hz
Dimmable:	Yes	Dimming Type:	PWM
IC Type:	UCS7604		

Photometric Data	
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Wavelength Blue:	465 - 470	Wavelength Green:	520 - 525
Wavelength Red:	625 - 620	Lumens Per Metre:	1145.57Lm/m
CCT:	6500K	Bin Number:	2
Colour Type:	RGBW	CRI:	95
SDCM:	<3	Lumen Total:	5727.85Lm
Lumens Per Metre (Blue):	86.9Lm/m	Lumens Per Metre (Red):	122.51Lm/m
Lumens Per Metre (White):	486.44Lm/m	Lumens Per Watt (Blue):	17.92Lm/W
Lumens Per Watt (Green):	99.33Lm/W	Lumens Per Watt:	57Lm/W
Lumens Per Watt (Red):	25.26Lm/W	Lumens Per Watt (White):	100.29Lm/W

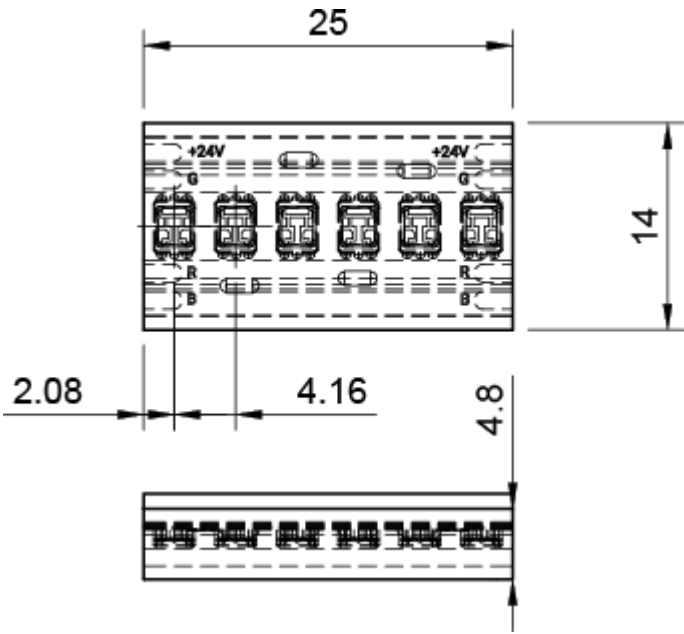
Photometric Data			
Lumens Per Watt (White 2):	99Lm/W	Luminous Intensity:	170.3cd
Peak Luminous Intensity:	170.3cd	R9 Value:	88

Environmental Data			
Application Environment:	Indoor, Outdoor	Body Material:	Silicone
Ingress Protection (IP):	IP67	Interior or Exterior Use:	Interior or Exterior
Saltwater Resistant:	Yes	Solvent Resistant:	Yes
UV Resistant:	Yes	Operating Temperature:	-20°C - 45°C
Storage Humidity:	60%	Storage Temperature:	-20°C - 60°C
Working Humidity:	100%		

Protection Data	
Electrical Safety Class:	III

Efficiency Data	
Lumen Maintenance Factor:	0.96
Survival Factor:	0.9
Rated Life:	60000 Hours

Dimension Drawing



Packaging Data

End Caps Included:	Yes	Packaging Height:	1mm
Packaging Length:	270mm	Packaging Width:	260mm

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

