

Tagra | Pro SMD LED Strip Light | 60 LEDs/m | 24V | IP67 |
18W/m | RGB+6000K | 50M

PS24-RGB6K6050M67 / ITM002966



Tagra | Pro SMD LED Strip Light | 60 LEDs/m | 24V | IP67 | 18W/m | RGB+6000K | 50M



Cut Points ✂ 100mm	IP Rating 💧 IP67	LEDs 💡 60/m	Voltage In ⚡ 24V	Warranty 🛡 7 Years
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SKU: PS24-RGB6K6050M67
ITM: ITM002966

Key Features:

- **Light Colour:** 6000K
- **Product Length:** 50m
- **Lm/W (Up To):** 52Lm/W
- **Lm/m (Up To):** 950Lm/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:	Epistar	LED Chip Type:	5050
Copper Foil Weight:	2oz	Cut Points:	100mm
Entry Cable Direction:	Top	LED Pitch:	16.67mm
LEDs Per Unit:	6	LEDs Per Metre:	60
LEDs Total:	300	Min. Bend Radius:	40mm
PCB Type:	Flexible	Product Weight:	420g
Self Adhesive Brand:	3M	Self Adhesive Model Number:	5604VHB
Dimensions (LxWxH):	50000 x 14 x 5mm		

Electrical Data			
Constant Voltage / Constant Current:	CV	Current Max. Blue @1 Metre:	0.18A
Current Max. Green @1 Metre:	0.18A	Current Max. Red @1 Metre:	0.18A
Current Max. White @1 Metre:	0.18A	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	
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Input Voltage:	24V
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Control Data	
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Dimmable:	Yes	Dimming Type:	PWM
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Photometric Data			
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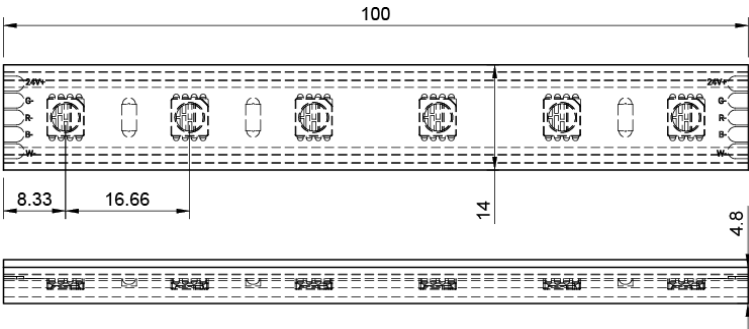
Wavelength Blue:	465 - 470	Wavelength Green:	520 - 525
Wavelength Red:	625 - 620	Lumens Per Metre:	950Lm/m
CCT:	6000K	Bin Number:	1
Colour Type:	RGBW	CRI:	90
SDCM:	<3	Lumen Total:	47500Lm
Lumens Per Metre (Blue):	74.7Lm/m	Lumens Per Metre (Red):	171Lm/m
Lumens Per Metre (White):	355Lm/m	Lumens Per Watt (Blue):	16Lm/W
Lumens Per Watt (Green):	77Lm/W	Lumens Per Watt:	52Lm/W
Lumens Per Watt (Red):	38Lm/W	Lumens Per Watt (White):	79Lm/W
R9 Value:	67		

Environmental Data			
Application Environment:	Indoor, Outdoor	Body Material:	Silicone
Ingress Protection (IP):	IP67	Interior or Exterior Use:	Exterior
Saltwater Resistant:	Yes	UV Resistant:	Yes
Operating Temperature:	-20°C - 45°C	Working Humidity:	90%

Protection Data	
Electrical Safety Class:	III

Efficiency Data			
Lumen Maintenance Factor:	0.96	Rated Life:	50000 Hours
Survival Factor:	0.9		

Dimension Drawing



Packaging Data			
End Caps Included:	Yes	Kit:	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.

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