Tagra | Pro SMD LED Strip Light | 60 LEDs/m | 24V | IP20 | 21.2W/m | RGB+3000K | 5M

PS24-RGB3K605M / ITM000063



Datasheet

23-10-2026

www.tagra-lighting.co.uk

support@tagra-lighting.co.uk

Tagra | Pro SMD LED Strip Light | 60 LEDs/m | 24V | IP20 | 21.2W/m | RGB+3000K | 5M



Cut Points	IP Rating	LEDs	Voltage In	Warranty
100mm	IP20	60/m	24V	7 Years

SKU: PS24-RGB3K605M
ITM: ITM000063

Key Features:

- **Light Colour:** 3000K
- **Product Length:** 5m
- **Lm/W (Up To):** 53Lm/W
- **Lm/m (Up To):** 1078Lm/m
- **Dimensions (W x H):** 12 x 2mm

Mechanical Data			
Bend Direction:	Horizontal	**Body Colour:**	White
Cable Both Ends:	Yes	**Cable Length:**	500mm
Cable Sheath Material:	PVC	**Cable Gauge:**	20AWG
LED Chip Brand:	JY	**Copper Foil Weight:**	2oz
Cut Points:	100mm	**Entry Cable Direction:**	End
LED Pitch:	16.67mm	**LEDs Per Unit:**	6
LEDs Per Metre:	60	**LEDs Total:**	300
PCB Type:	Flexible	**Self Adhesive Brand:**	3M
Self Adhesive Model Number:	300LSE	**Dimensions (LxWxH):**	5000 x 12 x 2mm

Electrical Data			
Constant Voltage / Constant Current:	CV	**Current Max. Blue @1 Metre:**	0.2A
Current Max. Green @1 Metre:	0.2A	**Current Max. Red @1 Metre:**	0.2A

Electrical Data			
Current Max. White @1 Metre:	0.27A	**Current Max. Rated:**	0.88A
Current Max. @5 Metre:	4.4A	**Current Typ. @Max Run Length:**	4.4A
Max. Run Length:	5m	**Wattage Max. @1 Metre:**	21.2W
Wattage Typ. @1 Metre:	19.2W	**Wattage Typ. @5 Metre:**	96W
Wattage Typ. @Max Run Length:	96W	**Current Max. @1 Metre:**	0.88A
Current Typ. @1 Metre:	0.8A		

Input Data	
Input Voltage:	24V

Control Data			
Dimmable:	Yes	**Dimming Type:**	PWM

Photometric Data			
Lumens Per Metre:	1078Lm/m	**CCT:**	3000K
Bin Number:	1	**Colour Type:**	RGBW
CRI:	90	**SDCM:**	<3
Lumen Total:	5390Lm	**Lumens Per Metre (Blue):**	80Lm/m
Lumens Per Metre (Red):	182Lm/m	**Lumens Per Metre (White):**	703Lm/m
Lumens Per Watt (Blue):	17Lm/W	**Lumens Per Watt (Green):**	80Lm/W
Lumens Per Watt:	53Lm/W	**Lumens Per Watt (Red):**	39Lm/W
Lumens Per Watt (White):	83Lm/W	**R9 Value:**	63
Lumens Per Metre (Green):	370Lm/m		

Environmental Data			
Case Temperature Max. (tc):	65°C	**Ingress Protection (IP):**	IP20
Interior or Exterior Use:	Interior	**Operating Temperature:**	45°C

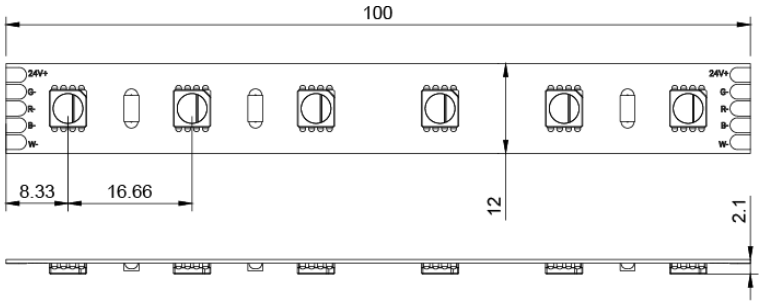
Protection Data

Electrical Safety Class:	III

Efficiency Data

Rated Life:	50000 Hours

Dimension Drawing



Packaging Data

Packaging Height:	12mm	**Packaging Length:**	220mm
Packaging Width:	190mm	**Packaging Weight:**	180g

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