Tagra | Pro SMD LED Strip Light | 112 LEDs/m | 24V | IP20 | 34W/m | RGB+1800-6500K | 5M

PS24-RGB1865K1125M / ITM000078



Datasheet

23-10-2026

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Cut Points	IP Rating	LEDs	Voltage In	Warranty
71.43mm	IP20	112/m	24V	7 Years

SKU: PS24-RGB1865K1125M
ITM: ITM000078

Key Features:

- **Light Colour:** 1800K-6500K
- **Product Length:** 5m
- **Lm/W (Up To):** 73Lm/W
- **Lm/m (Up To):** 2190Lm/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:**	3oz
Cut Points:	71.43mm	**Entry Cable Direction:**	End
LED Pitch:	8.93mm	**LEDs Per Unit:**	8
LEDs Per Metre:	112	**LEDs Total:**	560
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:**	0.117A
Current Max. Green @1 Metre:	0.165A	**Current Max. Red @1 Metre:**	0.1669A

Electrical Data			
Current Max. White @1 Metre:	0.858A	**Current Max. Rated:**	1.346A
Current Max. @5 Metre:	6.732A	**Current Typ. @Max Run Length:**	6.732A
Max. Run Length:	5m	**Wattage Max. @1 Metre:**	34W
Wattage Typ. @1 Metre:	31W	**Wattage Typ. @5 Metre:**	149.25W
Wattage Typ. @Max Run Length:	149.25W	**Current Max. @1 Metre:**	1.346A
Current Typ. @1 Metre:	1.244A		

Input Data	
Input Voltage:	24V

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

Photometric Data			
Lumens Per Metre:	2190Lm/m	**CCT:**	1800K - 6500K
Bin Number:	1	**Colour Type:**	RGBCCT
CRI:	90	**SDCM:**	<5
Lumen Total:	10950Lm	**Lumens Per Metre (Blue):**	105Lm/m
Lumens Per Metre (Red):	132Lm/m	**Lumens Per Metre (White):**	661Lm/m
Lumens Per Watt (Blue):	20Lm/W	**Lumens Per Watt (Green):**	98Lm/W
Lumens Per Watt:	73Lm/W	**Lumens Per Watt (Red):**	45Lm/W
Lumens Per Watt (White):	306Lm/W	**Lumens Per Watt (White 2):**	661Lm/W
R9 Value:	72	**Lumens Per Metre (Green):**	361.84Lm/m

Environmental Data			
Ingress Protection (IP):	IP20	**Interior or Exterior Use:**	Interior
Operating Temperature:	45°C	**Storage Humidity:**	65%
Storage Temperature:	65°C		

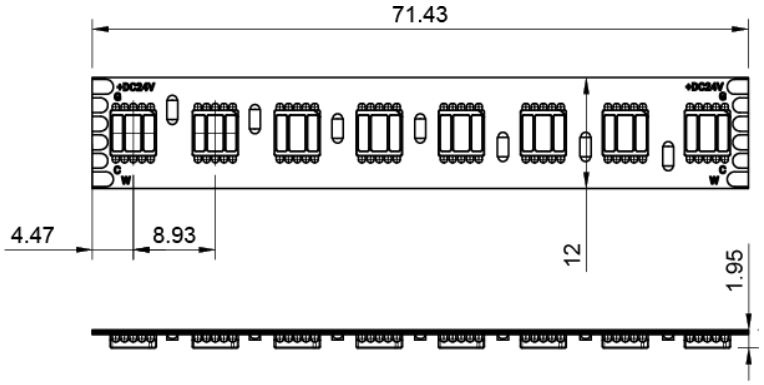
Protection Data

Electrical Safety Class:	III

Efficiency Data

Energy Efficiency Class:	F	**Rated Life:**	50000 Hours

Dimension Drawing



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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