Tagra | S Bend 15 | Pro LED Strip Light | 168 LEDs/m | 24V | IP20 | 22W/m | RGB | 5M

DR24-SBRGB5M / ITM001937



Datasheet

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Tagra | S Bend 15 | Pro LED Strip Light | 168 LEDs/m | 24V | IP20 | 22W/m | RGB | 5M



Cut Points	IP Rating	LEDs	Voltage In	Warranty
35.7mm	IP20	168/m	24V	7 Years

SKU: DR24-SBRGB5M
ITM: ITM001937

Key Features:

- **Product Length:** 5m
- **Lm/W (Up To):** 34Lm/W
- **Lm/m (Up To):** 748Lm/m
- **Dimensions (W x H):** 15 x 2mm

Mechanical Data			
Bend Direction:	Vertical	**Body Colour:**	White
Cable Both Ends:	Yes	**Cable Length:**	500mm
Cable Sheath Material:	PVC	**Cable Gauge:**	20AWG
LED Chip Brand:	SAN'AN	**LED Chip Type:**	COB
Copper Foil Weight:	3oz	**Cut Points:**	35.7mm
Entry Cable Direction:	END	**LED Pitch:**	11.9mm
LEDs Per Unit:	6	**LEDs Per Metre:**	168
LEDs Total:	840	**Min. Bend Radius:**	60mm
PCB Type:	Flexible	**Product Weight:**	180g
Self Adhesive Brand:	3M	**Self Adhesive Model Number:**	4910F
Dimensions (LxWxH):	5000 x 15 x 2mm		

Electrical Data			
Constant Voltage / Constant Current:	CV	**Current Max. Rated:**	4A
Current Max. @5 Metre:	4A	**Current Typ. @Max Run Length:**	3.64A
Max. Run Length:	5m	**Wattage Max. @1 Metre:**	22W
Wattage Typ. @1 Metre:	20W	**Wattage Typ. @5 Metre:**	87W
Wattage Typ. @Max Run Length:	87W	**Current Max. @1 Metre:**	0.91A
Current Typ. @1 Metre:	0.83A	**Current Control Type:**	IC

Input Data	
Input Voltage:	24V

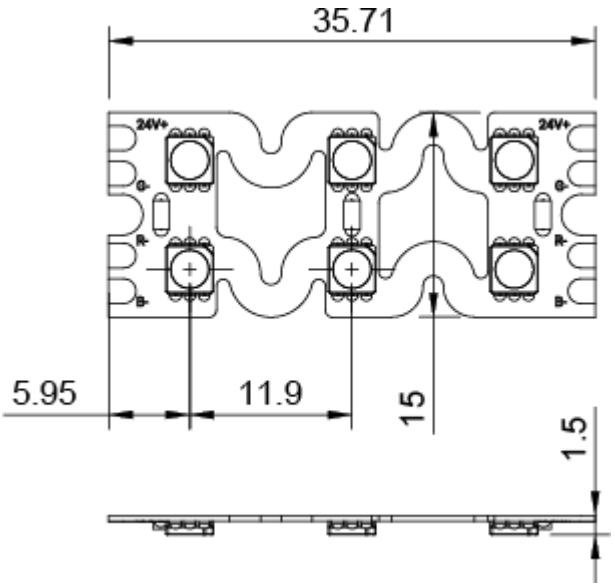
Control Data			
Default PWM Frequency:	50Hz	**Dimmable:**	Yes

Photometric Data			
Wavelength:	583.2nm	**Lumens Per Metre:**	748Lm/m
Bin Number:	2	**Colour Type:**	RGB
Lumen Total:	3780Lm	**Lumens Per Watt (Blue):**	16.5Lm/W
Lumens Per Watt (Green):	73.8Lm/W	**Lumens Per Watt:**	34Lm/W
Lumens Per Watt (Red):	22.5Lm/W	**Luminous Intensity:**	258cd
Peak Luminous Intensity:	205.304cd	**R9 Value:**	0

Environmental Data			
Application Environment:	Indoor	**Case Temperature Max. (tc):**	75°C
Ingress Protection (IP):	IP20	**Interior or Exterior Use:**	Interior
Operating Temperature:	-25°C - 45°C	**Storage Humidity:**	60%
Storage Temperature:	0°C - 60°C	**Working Humidity:**	70%

Efficiency Data			
L70B50:	36000 Hours	**L80B10:**	36000 Hours
L90B10:	24000 Hours	**LM80:**	10000 Hours
Lumen Maintenance Factor:	0.9707	**Rated Life:**	36000 Hours
Survival Factor:	0.9	**Switch Cycles:**	10000

Dimension Drawing



Packaging Data			
Packaging Height:	35mm	**Packaging Length:**	286mm
Packaging Width:	242mm	**Packaging Weight:**	255g

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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