TC24-N1616RGBHB10MK

IP65

2 YEAR

Key Features

- **Product Dimensions (mm)**: L10000xW16xH16
- **Bend Direction**: Horizontal
- **Lm/m (up to)**: 642Lm/m
- **Lm/W (up to)**: 41Lm/W
- **Run Length (max)**: 5m
- **Light Colour**: RGB
- **Warranty**: 2 Year(s)

Mechanical Data			
Body Colour	White	Bend Direction	Horizontal
Cable Both Ends	Yes	Cable Length	1 mm
Cable Sheath Material	Silicone	Cable Weight	20 AWG
LED Chip Brand	Epistar	LED Chip Type	5050
Connector Type	M12 4-Pin connector	Copper Foil Weight	3 oz
Cut Points	83.33 mm	Entry Cable Direction	Bottom
LED Pitch	83.33 mm	LEDs Per Unit	7
LEDs Per Metre	84	LEDs Total	420
Min · Bend Radius	100 mm	PCB Type	Flexible
Pixels Per Metre	12	Product Weight	2800 g
Product Dimensions	10000x16x16 mm		

Electrical Data			
Constant Voltage / Constant Current	CV	Current Max · @5 Metre	3.125A
Current Typ · @Max Run Length	2.8 A	Current Max · Blue @1 Metre	0.24 A
Current Max · Green @1 Metre	0.24 A	Current Max · Red @1 Metre	0.24 A
Current Max · Rated	0.625 A	Max · Run Length	5 m
Wattage Max · @1 Metre	15 W	Wattage Typ · @1 Metre	13.4 W
Wattage Typ · @5 Metre	67 W	Wattage Typ · @Max Run Length	72 W

Input Data			
Input Voltage	24 V		

Control Data			
Control Signal Input	Pixel	Default PWM Frequency	8000 Hz
Dimming Type	PWM	IC Type	GS8206
Dimmable	Yes		

Photometric Data			
Bin Number	2	Colour Type	RGB
Lumen Total	1237 Lm	Lumens Per Metre	642 Lm/m
Lumens Per Metre (Blue)	93 Lm/m	Lumens Per Metre (Red)	156 Lm/m
Lumens Per Watt	41 Lm/W	Lumens Per Watt (Blue)	15 Lm/W
Lumens Per Watt (Green)	66 Lm/W	Lumens Per Watt (Red)	26 Lm/W
Peak Luminous Intensity	443 cd	SDCM	< 5
Wavelength Blue	460 - 465 nm	Wavelength Green	520 - 525 nm
Wavelength Red	620 - 625 nm		

Environment Data			
Body Material	Silicone	Case Temperature Max · (tc)	26 °C
Ingress Protection (IP)	IP65	Interior or Exterior Use	Exterior

Protection Data	
Electrical Safety Class	III

Efficiency Data			
L70B50	36000 Hours	L80B10	36000 Hours
L90B10	36000 Hours	LM80	36000Hours
Rated Life	50000 Hours		

Disclaimer

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