

TP24-N1616RGBD10MK



24V

IP67

3
YEAR

Key Features

- **Dimensions (mm):** L10000xW16XH16
- **Bend Direction:** Dual
- **Pixels Per M:** 20
- **IC Type:** UCS2903
- **Run Length (Max):** 5m
- **Light Colour:** RGB
- **Warranty:** 3 Years

Mechanical Data

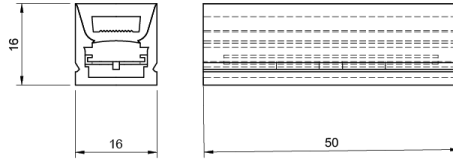
Body Colour	Black	Bend Direction	Dual
Cable Both Ends	Yes	Cable Length	1 mm
Cable Sheath Material	Silicone	Cable Weight	18 AWG
LED Chip Brand	SA	LED Chip Type	2835
Copper Foil Weight	3 oz	Cut Points	50 mm
Entry Cable Direction	Bottom	LED Module Replaceable	No
LED Pitch	8.343 mm	LEDs Per Unit	6
LEDs Per Metre	120	LEDs Total	1200
Min · Bend Radius	60 mm	PCB Type	Flexible
Pixels Per Metre	20	Product Weight	2280 g
Product Dimensions	10000x16x16 mm		

Electrical Data

Constant Voltage / Constant Current	CV	Current Max · @5 Metre	3.208333333A
Current Typ · @Max Run Length	2.916666667 A	Current Max · Blue @1 Metre	0.28 A
Current Max · Green @1 Metre	0.31 A	Current Max · Red @1 Metre	0.26 A
Current Max · Rated	0.641666667 A	Max · Run Length	5 m
Wattage Max · @1 Metre	15.4 W	Wattage Typ · @1 Metre	14 W
Wattage Typ · @5 Metre	77 W	Wattage Typ · @Max Run Length	70 W

Input Data			
Input Voltage	24 V		
Control Data			
Dimming Type	PWM	IC Type	UCS2903
Dimmable	Yes		
Photometric Data			
Colour Type	RGB	Lumen Total	303 Lm
Lumens Per Metre	30.3 Lm/m	Lumens Per Metre (Blue)	3.3 Lm/m
Lumens Per Metre (Red)	5.6 Lm/m	Lumens Per Watt	2 Lm/W
Lumens Per Watt (Blue)	0.49 Lm/W	Lumens Per Watt (Green)	3.07 Lm/W
Lumens Per Watt (Red)	0.91 Lm/W	Wavelength Blue	470 - 460 nm
Wavelength Green	515 - 525 nm	Wavelength Red	630 - 650 nm
Environment Data			
Anti-Yellowing	Yes	Body Material	Silicone
Case Temperature Max · (tc)	65 °C	Ingress Protection (IP)	IP67
Interior or Exterior Use	Interior, Exterior	Solvent Resistant	No
Saltwater Resistant	Yes	UV Resistant	Yes
Protection Data			
Electrical Safety Class	III		
Efficiency Data			
Lumen Maintenance Factor	0.96	Rated Life	50000 Hours
Survival Factor	0.9		

Dimensions



Packaging & Shipping Data

End Caps Included	Yes	Mounting Brackets Included	Yes
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Disclaimer

Ultra LEDs 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. Ultra LEDs reserve the right to update specifications without notice. The information in the datasheet may only be relied on by customers of Ultra LEDs in accordance with applicable terms and conditions.