

TP24-N1312RGB65KVB010MK



24V

IP67

5
YEAR

Key Features

- **Product Dimensions (mm):** L10000xW13xH12.
- **Bend Direction:** Vertical
- **Pixels Per M:** 12
- **IC Type:** UCS7604
- **Run Length (Max):** 5m
- **Available Colours:** 2700K, 3000K, 4000K, 6500K
- **Warranty:** 5 Years

Mechanical Data			
Bend Direction	Vertical	Cable Both Ends	Yes
Cable Length	1 mm	Cable Sheath Material	Silicone
Cable Weight	20 AWG	LED Chip Brand	JC_chips
LED Chip Type	CSP chips	Connector Type	None
Copper Foil Weight	3 oz	Cut Points	83.33 mm
LED Pitch	2.976190476 mm	LEDs Per Unit	0.297619048
LEDs Per Metre	336	LEDs Total	3360
Min · Bend Radius	80 mm	PCB Type	Flexible
Pixels Per Metre	12	Product Weight	2460 g
Body Colour	White	Entry Cable Direction	Bottom
Product Dimensions	10000x13x12 mm		

Electrical Data			
Constant Voltage / Constant Current	CV	Current Max · @5 Metre	3.3A
Current Max · White @1 Metre	0.264 A	Current Max · Rated	0.66 A
Wattage Max · @1 Metre	16 W	Wattage Typ · @1 Metre	14.5 W
Wattage Typ · @5 Metre	72.5 W	Wattage Typ · @Max Run Length	72.5 W
Current Typ · @Max Run Length	3 A	Current Max · Blue @1 Metre	0.264 A
Current Max · Green @1 Metre	0.264 A	Current Max · Red @1 Metre	0.264 A
Max · Run Length	5 m		

Input Data	
Input Voltage	24 V

Control Data			
Control Signal Input	Pixel	Default PWM Frequency	2000 Hz
Dimming Type	PWM	IC Type	UCS7604
Dimmable	Yes		

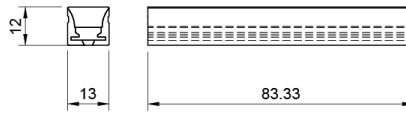
Photometric Data			
Bin Number	2	Colour Type	RGBW
Luminous Intensity	170.3 cd	Peak Luminous Intensity	170.3 cd
Lumen Total	5320 Lm	Lumens Per Metre	532 Lm/m
Lumens Per Metre (Blue)	48.77 Lm/m	Lumens Per Metre (Red)	78.92 Lm/m
Lumens Per Metre (White)	190 Lm/m	Lumens Per Watt	36 Lm/W
Lumens Per Watt (Blue)	8.43 Lm/W	Lumens Per Watt (Green)	40.65 Lm/W
Lumens Per Watt (Red)	13.72 Lm/W	Lumens Per Watt (White)	32 Lm/W
Wavelength	470.4 nm	R9 Value	
CCT	6500 K	Wavelength Blue	455 - 462.5 nm
Wavelength Green	520 - 527.5 nm	Wavelength Red	620 - 627.5 nm

Environment Data			
Body Material	Silicone	Ingress Protection (IP)	IP67
Interior or Exterior Use	Interior, Exterior		

Protection Data	
Electrical Safety Class	III

Efficiency Data	
Rated Life	60000 Hours

Dimensions



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.