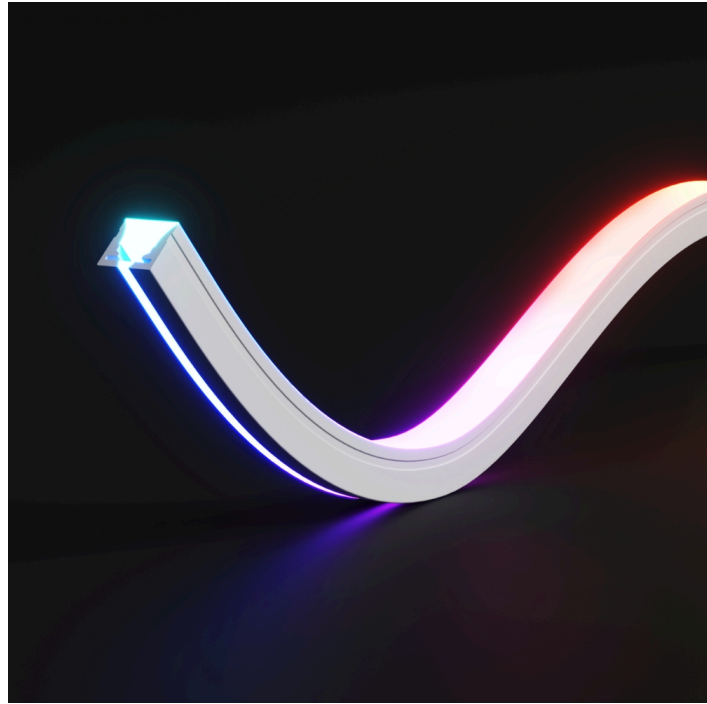


**TP24-N1312RGBVB10MK**



<b>24V</b>	<b>IP67</b>	<b>5 YEAR</b>
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**Key Features**

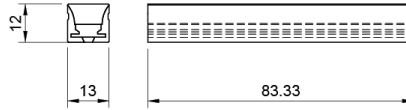
- **Product Dimensions (mm):** L10000xW13xH12
- **Bend Direction:** Vertical
- **Pixels Per M:** 12
- **IC Type:** UCS5603A
- **Run Length (Max):** 5m
- **Light Colour:** RGB
- **Warranty:** 5 Year(s)

Mechanical Data			
Body Colour	White	Bend Direction	Vertical
Cable Both Ends	Yes	Cable Length	0.5 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	Entry Cable Direction	Bottom
LED Module Replaceable	No	LED Pitch	3.968253968 mm
LEDs Per Unit	0.396825397	LEDs Per Metre	252
LEDs Total	2520	Min · Bend Radius	80 mm
PCB Type	Flexible	Pixels Per Metre	12
Product Weight	2460 g	Product Dimensions	10000x13x12 mm

Electrical Data			
Constant Voltage / Constant Current	CV	Current Max · @5 Metre	4.07A
Current Typ · @Max Run Length	3.7 A	Current Max · Blue @1 Metre	0.352 A
Current Max · Green @1 Metre	0.352 A	Current Max · Red @1 Metre	0.352 A
Current Max · Rated	0.814 A	Max · Run Length	5 m
Wattage Max · @1 Metre	19.6 W	Wattage Typ · @1 Metre	17.8 W
Wattage Typ · @5 Metre	89 W	Wattage Typ · @Max Run Length	89 W

Input Data			
Input Voltage	24 V		
Control Data			
Control Signal Input	Pixel	IC Type	UCS5603A
Photometric Data			
Bin Number	2	Colour Type	RGB
Luminous Intensity	88.94 cd	Lumen Total	2979 Lm
Lumens Per Metre	297.9 Lm/m	Lumens Per Metre (Blue)	48.2 Lm/m
Lumens Per Metre (Red)	43.18 Lm/m	Lumens Per Watt	17 Lm/W
Lumens Per Watt (Blue)	6.3 Lm/W	Lumens Per Watt (Green)	27 Lm/W
Lumens Per Watt (Red)	5.67 Lm/W	Wavelength	470.4 nm
Peak Luminous Intensity	88.94 cd	R9 Value	
Wavelength Blue	455 - 462.5 nm	Wavelength Green	520 - 527.5 nm
Wavelength Red	620 - 627.5 nm		
Environment Data			
Anti-Yellowing	No	Body Material	Silicone
Ingress Protection (IP)	IP67	Interior or Exterior Use	Interior or Exterior
Solvent Resistant	Yes	Saltwater Resistant	Yes
UV Resistant	Yes		
Protection Data			
Electrical Safety Class	III		
Efficiency Data			
Rated Life	60000 Hours		

## Dimensions



## Packaging & Shipping Data

End Caps Included	Yes	Kit	Yes
Emery Paper Included	No	Mounting Brackets Included	Yes

## 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.