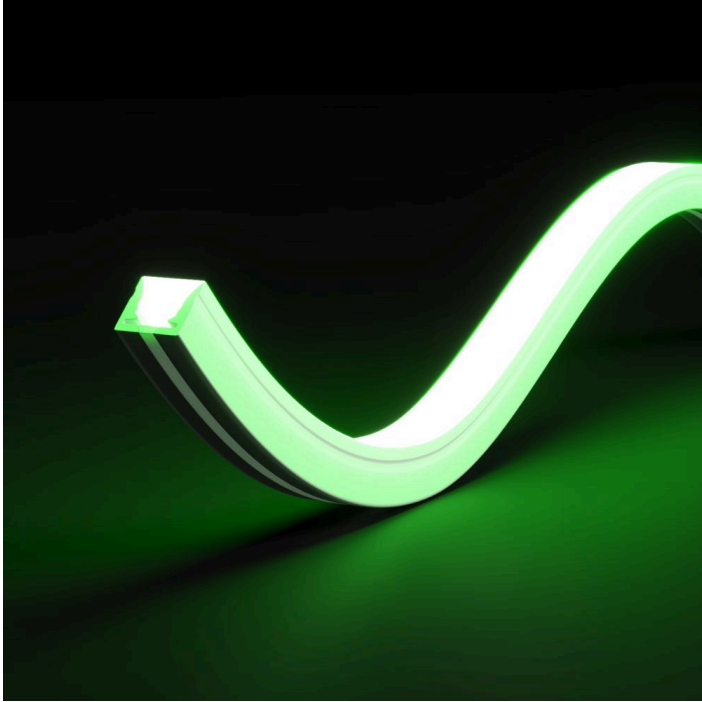


NEON1312-10MKIT-RGB



24V	>90 CRI	IP67	5 YEAR
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Key Features

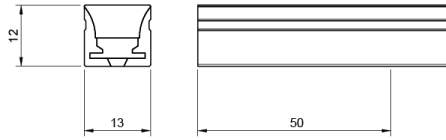
- **Product Dimensions (mm):** L10000xW13xH12
- **Bend Direction:** Vertical
- **Lm/m (up to):** 293
- **Lm/W (up to):** 25
- **Run Length (Max):** 5 m
- **Light Colour:** RGB
- **Warranty:** 5 Years

Mechanical Data			
Body Colour	White	Bend Direction	Vertical
Cable Both Ends	Yes	Cable Length	2000 mm
Cable Sheath Material	Silicone	Cable Weight	20 AWG
LED Chip Brand	Sanan	LED Chip Type	CSP LED
Copper Foil Weight	3 oz	Cut Points	50 mm
Entry Cable Direction	Right	LED Pitch	50 mm
LEDs Per Unit	18	LEDs Per Metre	360
LEDs Total	3600	Min · Bend Radius	60 mm
Pixels Per Metre	12	Product Weight	1720 g
Product Dimensions	10000x13x12 mm		

Electrical Data			
Constant Voltage / Constant Current	CV	Current Max · @5 Metre	2.75A
Current Typ · @1 Metre	0.5	Current Typ · @5 Metre	2.5
Current Typ · @Max Run Length	2.75 A	Current Max · Rated	2.75 A
Max · Run Length	5 m	Wattage Max · @1 Metre	13.2 W
Wattage Typ · @1 Metre	12 W	Wattage Typ · @5 Metre	60 W
Wattage Typ · @Max Run Length	60 W		

Input Data			
Input Voltage	24 V		
Control Data			
Control Signal Input	RF	Dimming Type	PWM
Dimmable	Yes		
Photometric Data			
Beam Angle	120 °	Bin Number	1
Colour Type	RGB	CRI	90
Luminous Intensity	87.82 cd	Lumen Total	2930 Lm
Lumens Per Metre	293 Lm/m	Lumens Per Metre (Blue)	34 Lm/m
Lumens Per Metre (Green)	193 Lm/m	Lumens Per Metre (Red)	66 Lm/m
Lumens Per Watt	26 Lm/W	Lumens Per Watt (Blue)	9.5 Lm/W
Lumens Per Watt (Green)	52 Lm/W	Lumens Per Watt (Red)	17 Lm/W
Wavelength	469.9 nm	Peak Luminous Intensity	87.82 cd
SDCM	< 2		
Environment Data			
Body Material	Silicone	Case Temperature Max · (tc)	75 °C
Impact Protection (IK)	IK8	Ingress Protection (IP)	IP67
Interior or Exterior Use	Interior or Exterior		
Protection Data			
Electrical Safety Class	III		

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.