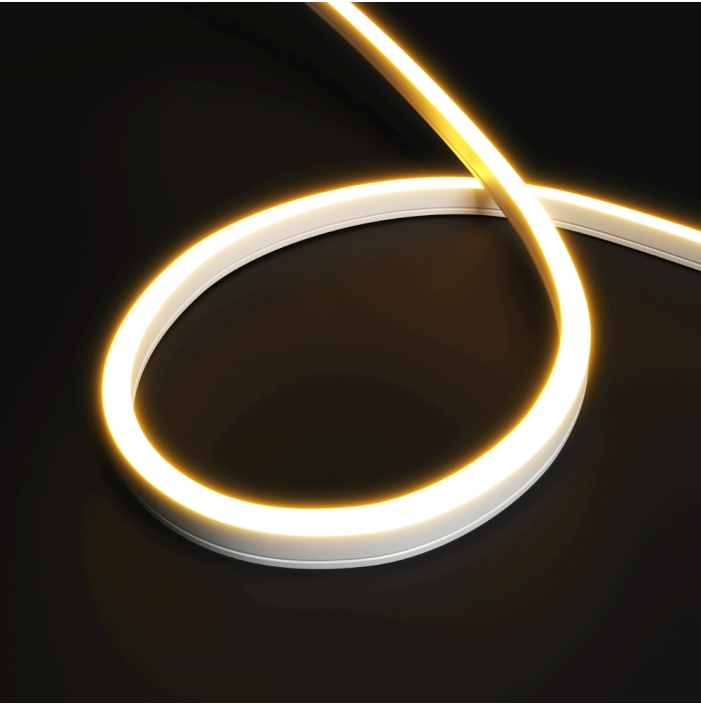


TP24-N2020RGB27KD10MK



24V

>90
CRI

IP67

3
YEAR

Key Features

- **Product Dimensions (mm):** L10000xW20xH20.
- **Bend Direction:** Dual
- **Pixels Per M:** 16
- **IC Type:** UCS8904
- **Run Length (Max):** 5m
- **Available Colours:** 2700K, 3000K, 4000K, 6000K
- **Warranty:** 3 Years

Mechanical Data			
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	4040	Copper Foil Weight	3 oz
Cut Points	62.5 mm	LED Module Replaceable	No
LED Pitch	10.41 mm	LEDs Per Unit	6
LEDs Per Metre	96	LEDs Total	960
Min · Bend Radius	100 mm	PCB Type	Flexible
Pixels Per Metre	16	Product Weight	6210 g
Self Adhesive Brand	No	Self Adhesive Model Number	No
Body Colour	White	Entry Cable Direction	Bottom
Product Dimensions	10000x20x20 mm		

Electrical Data			
Constant Voltage / Constant Current	CV	Current Max · @5 Metre	3.208333333A
Current Max · White @1 Metre	0.207166667 A	Current Max · Rated	0.641666667 A
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
Current Typ · @Max Run Length	2.916666667 A	Current Max · Blue @1 Metre	0.198791667 A
Current Max · Green @1 Metre	0.21 A	Current Max · Red @1 Metre	0.214083333 A
Max · Run Length	5 m		

Input Data	
Input Voltage	24 V

Control Data			
Dimming Type	PWM	IC Type	UCS8904
Dimmable	Yes		

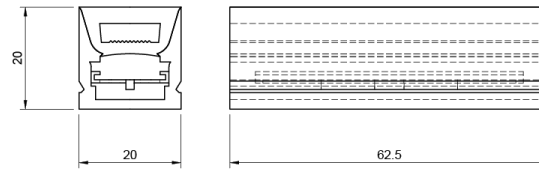
Photometric Data			
Bin Number	1	Colour Type	RGBW
CRI	90	SDCM	< 5
Lumen Total	3230 Lm	Lumens Per Metre	323 Lm/m
Lumens Per Metre (Blue)	27.4 Lm/m	Lumens Per Metre (Red)	43.8 Lm/m
Lumens Per Metre (White)	103 Lm/m	Lumens Per Watt	24 Lm/W
Lumens Per Watt (Blue)	5.75 Lm/W	Lumens Per Watt (Green)	30.03 Lm/W
Lumens Per Watt (Red)	8.54 Lm/W	Lumens Per Watt (White)	20.9 Lm/W
R9 Value	86	CCT	2700 K
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



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.