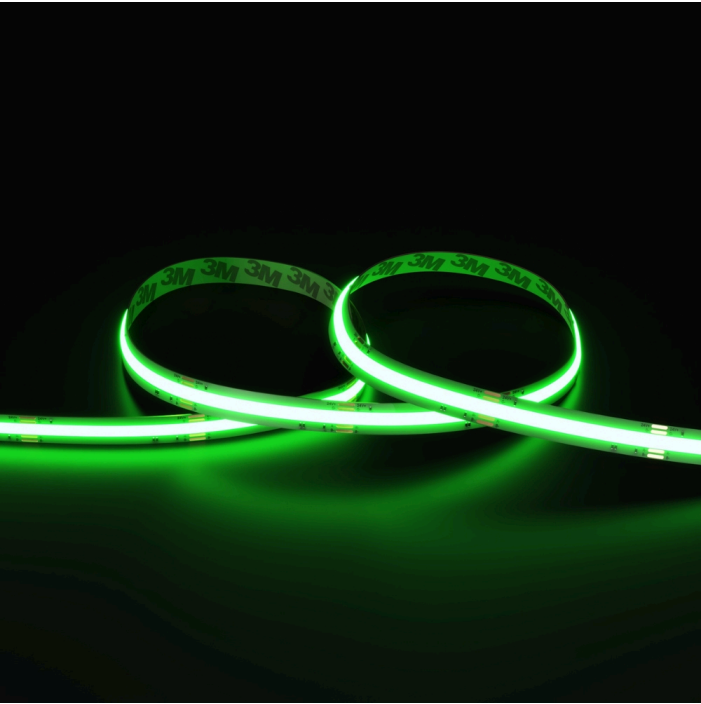


PC24-RGB50M



24V

IP20

7
YEAR

Key Features

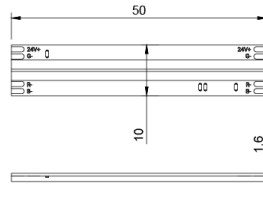
- **Product Width (mm):** 10 mm
- **Lm/m (up to):** 805 Lm/m
- **Lm/W (up to):** 51 Lm/W
- **Run Length (Max):** 5 m
- **Warranty:** 7 Years

Mechanical Data			
Body Colour	White	Bend Direction	Horizontal
Cable Both Ends	Yes	Cable Length	500 mm
Cable Sheath Material	PVC	Cable Weight	22 AWG
LED Chip Brand	JC_CSP	LED Chip Type	CSP
Copper Foil Weight	2 oz	Cut Points	50 mm
LED Pitch	1.19 mm	LEDs Per Unit	42
LEDs Per Metre	840	LEDs Total	4200
Min · Bend Radius	30 mm	PCB Type	Flexible
Product Weight	120 g	Self Adhesive Brand	3M tape
Self Adhesive Model Number	55230H	Entry Cable Direction	End
Product Dimensions	50000x10x2 mm		

Electrical Data			
Constant Voltage / Constant Current	CV	Current Max · @5 Metre	2.64A
Current Max · Rated	0.66 A	Wattage Max · @1 Metre	15.8 W
Wattage Typ · @1 Metre	14.4 W	Wattage Typ · @5 Metre	57.6 W
Wattage Typ · @Max Run Length	57.6 W	Current Typ · @Max Run Length	2.4 A
Current Max · Blue @1 Metre	0.11 A	Current Max · Green @1 Metre	0.22 A
Current Max · Red @1 Metre	0.33 A	Max · Run Length	5 m

Input Data			
Input Voltage	24 V		
Control Data			
Default PWM Frequency	50 Hz	Dimmable	Yes
Photometric Data			
Beam Angle	140.1 °	Bin Number	1
Colour Type	RGB	Luminous Intensity	183 cd
Lumen Total	4025 Lm	Lumens Per Watt (Blue)	17 Lm/W
Lumens Per Watt (Green)	98 Lm/W	Lumens Per Watt (Red)	29 Lm/W
Peak Luminous Intensity	183 cd	Lumens Per Metre	805 Lm/m
Lumens Per Metre (Blue)	45 Lm/m	Lumens Per Metre (Green)	510 Lm/m
Lumens Per Metre (Red)	225 Lm/m	Lumens Per Watt	51 Lm/W
Wavelength	471.8 nm	Wavelength Blue	452 - 460 nm
Wavelength Green	515 - 517.5 nm	Wavelength Red	620 - 630 nm
Environment Data			
Case Temperature Max · (tc)	75 °C	Ingress Protection (IP)	IP20
Protection Data			
Electrical Safety Class	III		
Efficiency Data			
Rated Life	60000 Hours	Switch Cycles	10000

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.