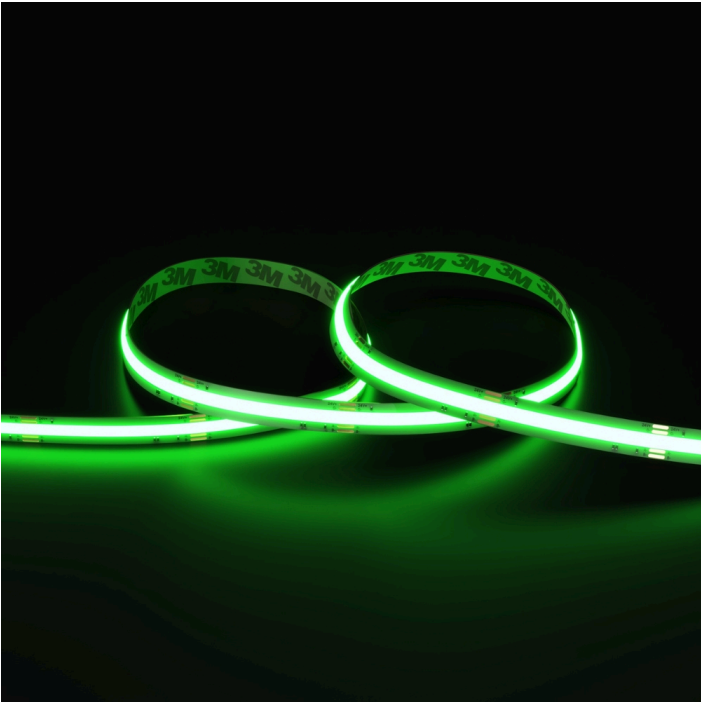


PC24-RGB50M



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

24V

From 1 Bin

HORIZ BEND

2oz PCB

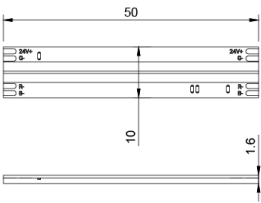
IP20

Mechanical Data

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 Module Replaceable	No
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
Body Colour	White
Entry Cable Direction	End
Product Dimensions	50000x10x2 mm

Dimensions



Input

Input Voltage	24 V
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Control

Default PWM Frequency	50 Hz
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Dimmable	Yes
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Electrical Data

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

Electrical Safety Class	III
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Photometric Data

Beam Angle	140.1 °
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Bin Number	1
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Colour Type	RGB
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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

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

Anti-Yellowing	No
Case Temperature Max · (tc)	75 °C
Ingress Protection (IP)	IP20
Solvent Resistant	No
Saltwater Resistant	No
UV Resistant	No

Efficiency

Rated Life	60000 Hours
Switch Cycles	10000

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