

PC24-RGB27K50M67



Key Features

- Product Width: 14mm
- Lm/m (up to): 933Lm/m
- Lm/W (up to): 56Lm/W
- CRI: 90+
- Lightsource SDCM: ≤5
- Run Length (Max): 5m
- Available Colours: 2700K, 3000K, 4000K, 6500K
- Warranty: 5 Years

24V

From 1 Bin

>90 CRI

HORIZ BEND

2oz PCB

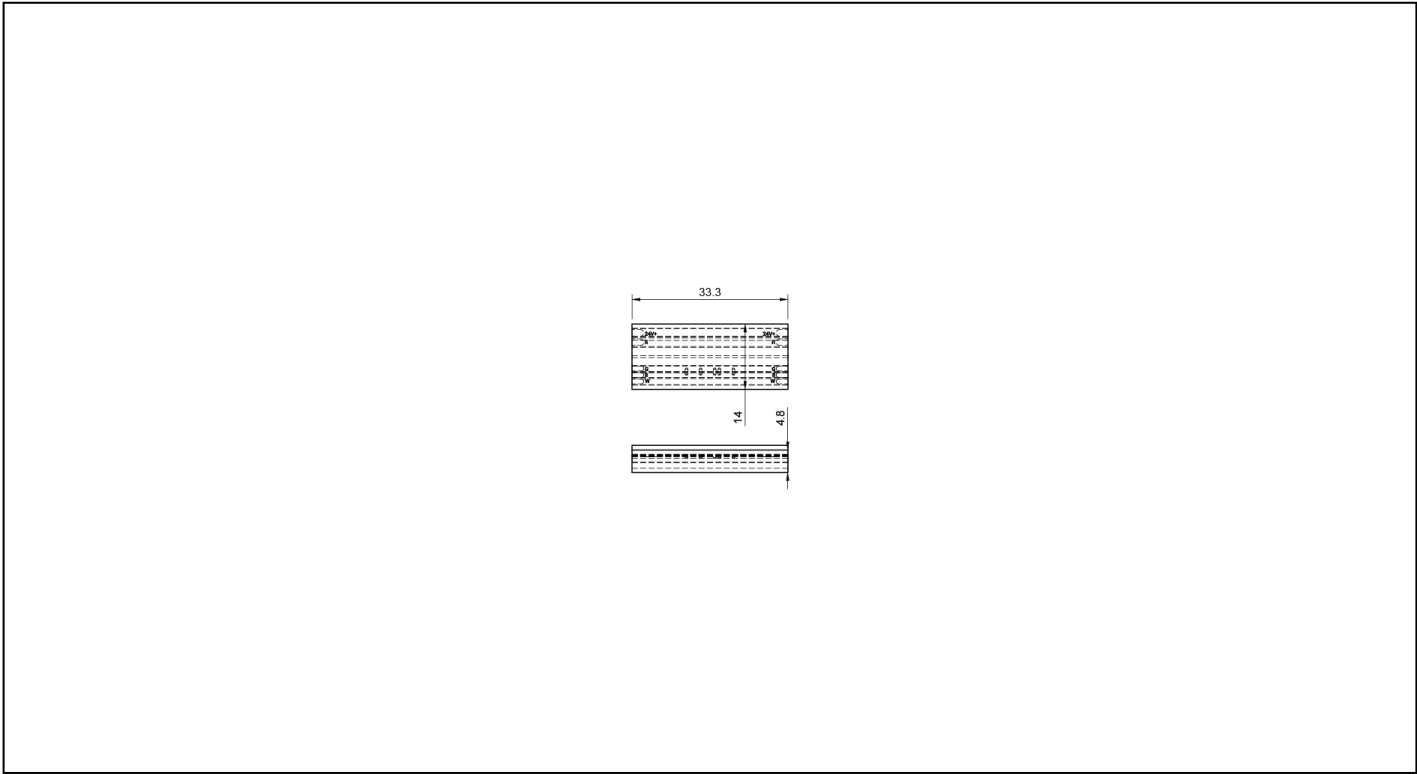
IP67

Mechanical Data

Bend Direction	Horizontal
Cable Both Ends	Yes
Cable Sheath Material	Silicone
Cable Weight	24 AWG
LED Chip Brand	JC_CSP
LED Chip Type	CSP
Copper Foil Weight	2 oz
Cut Points	33.33 mm
LED Module Replaceable	No

LED Pitch	1.19 mm
LEDs Per Unit	28
LEDs Per Metre	840
LEDs Total	4200
Min · Bend Radius	30 mm
PCB Type	Flexible
Product Weight	460 g
Self Adhesive Brand	JL
Self Adhesive Model Number	4910F
Body Colour	White
Entry Cable Direction	End
Product Dimensions	50000x14x5 mm

Dimensions



Input

Input Voltage	24 V
<b>Control</b>	
Default PWM Frequency	50 Hz
Dimmable	Yes
<b>Electrical Data</b>	
Constant Voltage / Constant Current	CV
Current Max · @5 Metre	3.08A
Current Max · White @1 Metre	0.25 A
Current Max · Rated	0.77 A
Wattage Max · @1 Metre	18.5 W
Wattage Typ · @1 Metre	16.8 W
Wattage Typ · @5 Metre	73.5 W
Wattage Typ · @Max Run Length	73.5 W
Current Typ · @Max Run Length	2.8 A
Current Max · Blue @1 Metre	0.17 A
Current Max · Green @1 Metre	0.18 A
Current Max · Red @1 Metre	0.15 A
Max · Run Length	5 m
<b>Protection</b>	
Electrical Safety Class	III
<b>Photometric Data</b>	
Beam Angle	141.8 °
Bin Number	1
Colour Type	RGBW

CRI	90
Luminous Intensity	242 cd
Lumen Total	4356 Lm
Lumens Per Metre (White)	418 Lm/m
Lumens Per Watt (Blue)	17 Lm/W
Lumens Per Watt (Green)	77 Lm/W
Lumens Per Watt (Red)	26 Lm/W
Lumens Per Watt (White)	67 Lm/W
Peak Luminous Intensity	242 cd
SDCM	< 5
Lumens Per Metre	871 Lm/m
Lumens Per Metre (Blue)	75 Lm/m
Lumens Per Metre (Red)	97 Lm/m
Lumens Per Watt	52 Lm/W
Wavelength	473.7 nm
CCT	2700 K
Wavelength Blue	452 - 460 nm
Wavelength Green	515 - 517.5 nm
Wavelength Red	620 - 630 nm

## Environment

Anti-Yellowing	No
Ingress Protection (IP)	IP67
Solvent Resistant	No
Saltwater Resistant	No
UV Resistant	No

0161 507 9249 | support@ultraleds.co.uk | www.ultraleds.co.uk | Manchester, M17 1SJ Date: 08/07/2025

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

**Efficiency**

Energy Efficiency Class	G
Rated Life	60000 Hours
Switch Cycles	10000