

CTO-PC24-FC6K1M



Key Features

- Product Width: 8mm
- Lm/m (up to): 1140Lm/m
- Lm/W (up to): 105Lm/W
- CRI: 90+
- Lightsource SDCM: ≤3
- Run Length (Max): 5m
- Available Colours: 2100K, 2300K, 2700K, 3000K, 4000K, 6000K
- Warranty: 7 Years

24V

PWM

From 1 Bin

>90 CRI

HORIZ BEND

2oz PCB

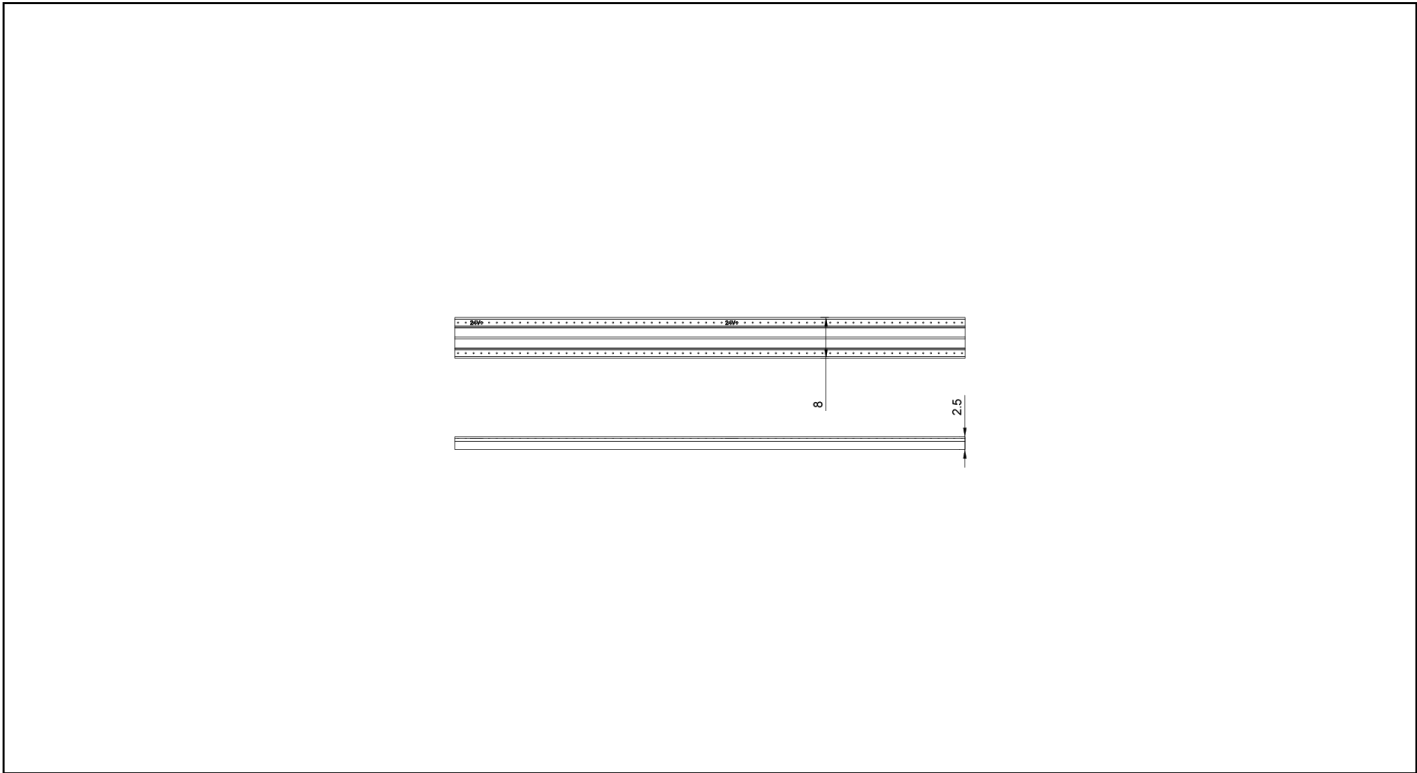
IP20

Mechanical Data

Bend Direction	Horizontal
Cable Both Ends	No
Cable Length	2 mm
Cable Sheath Material	PVC
Cable Weight	20 AWG
LED Chip Brand	SA
LED Chip Type	SMD
Copper Foil Weight	2 oz
Cut Points	3.125 mm

LED Pitch	3.125 mm
LEDs Per Metre	320
LEDs Total	320
Min · Bend Radius	20 mm
PCB Type	Flexible
Self Adhesive Brand	3M
Self Adhesive Model Number	300LSE
Body Colour	White
Entry Cable Direction	End
Product Dimensions	1000x8x3 mm

Dimensions



Input

Input Voltage	24 V
---------------	------

Control

Dimming Type	PWM
Dimmable	Yes
<b>Electrical Data</b>	
Constant Voltage / Constant Current	CV
Current Max · @5 Metre	2.56A
Current Max · Rated	0.513 A
Wattage Max · @1 Metre	12.32 W
Wattage Typ · @1 Metre	11.2 W
Wattage Typ · @5 Metre	61.6 W
Wattage Typ · @Max Run Length	56 W
Current Typ · @Max Run Length	2.33 A
Max · Run Length	5 m
<b>Protection</b>	
Electrical Safety Class	III
<b>Photometric Data</b>	
Bin Number	1
Colour Type	Single Colour
CRI	90
SDCM	< 3
Lumen Total	1129 Lm
Lumens Per Metre	1129 Lm/m
Lumens Per Watt	104 Lm/W
R9 Value	78
CCT	6000 K

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

**Environment**

Anti-Yellowing	No
Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior

**Efficiency**

Energy Efficiency Class	F
Rated Life	50000 Hours
Survival Factor	0.9