

CTO-EC24-B27K2M



Key Features

- Product Width: 8mm
- Lm/m (up to): 1075Lm/m
- Lm/W (up to): 112Lm/W
- CRI: 90+
- Lightsource SDCM: ≤5
- Run Length (Max): 5m
- Available Colours: 2700K, 3000K, 4000K, 6500K
- Warranty: 3 Years

24V

>90
CRI

HORIZ
BEND

2oz
PCB

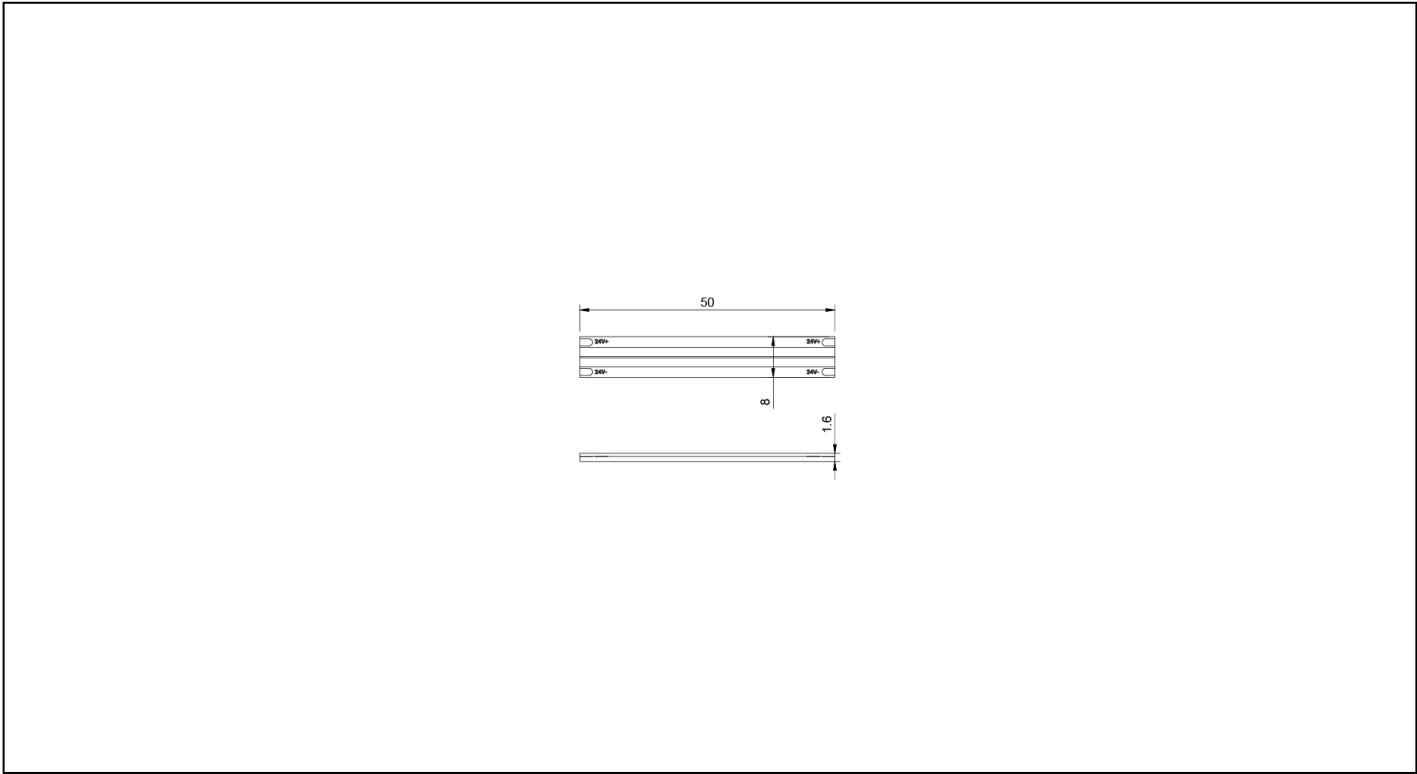
IP20

Mechanical Data

Body Colour	White
Bend Direction	Horizontal
Cable Both Ends	No
Cable Length	2 mm
Cable Sheath Material	PVC
Cable Weight	20 AWG
LED Chip Brand	SAN'AN
LED Chip Type	COB
Copper Foil Weight	2 oz

Cut Points	50 mm
LED Module Replaceable	No
LED Pitch	2.083 mm
LEDs Per Unit	24
LEDs Per Metre	480
LEDs Total	480
Min · Bend Radius	30 mm
PCB Type	Flexible
Self Adhesive Brand	3M tape
Self Adhesive Model Number	55230H
Entry Cable Direction	End
Product Dimensions	2000x8x2 mm

Dimensions



Input

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

Input Voltage	24 V
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Control

Dimmable	Yes
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Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	1.925A
Current Max · Rated	0.44 A
Wattage Max · @1 Metre	10.5 W
Wattage Typ · @1 Metre	9.6 W
Wattage Typ · @5 Metre	42 W
Wattage Typ · @Max Run Length	42 W
Current Typ · @Max Run Length	1.75 A
Max · Run Length	5 m

Protection

Electrical Safety Class	III
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Photometric Data

Colour Type	Single Colour
CRI	90
Luminous Intensity	228.3 cd
Peak Luminous Intensity	228.3 cd
SDCM	< 5
Lumen Total	1860 Lm
Lumens Per Metre	930 Lm/m
Lumens Per Watt	97 Lm/W

Wavelength	583.1 nm
R9 Value	47
CCT	2700 K

Environment

Application Environment	Indoor
Anti-Yellowing	No
Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior
Solvent Resistant	No
Saltwater Resistant	No
UV Resistant	No

Efficiency

Energy Efficiency Class	F
L70B50	36000 Hours
L80B10	36000 Hours
L90B10	24000 Hours
LM80	10000Hours
Lumen Maintenance Factor	0.9707
Rated Life	36000 Hours
Survival Factor	0.9
Switch Cycles	10000