

CTO-EC24-B27K5M



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

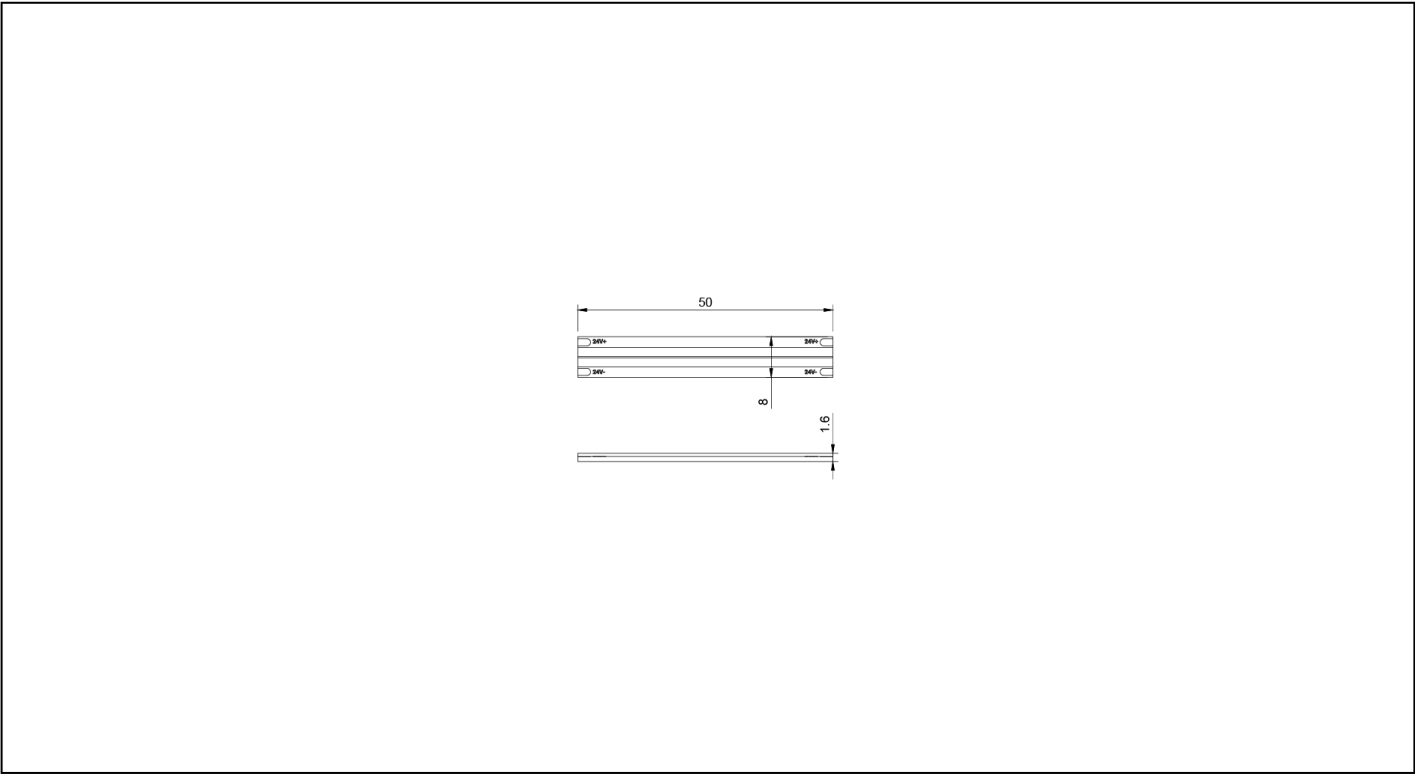
IP20

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	5000x8x2 mm

Dimensions



Input

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	4650 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