

CTO-EC24-B27K2M65



Key Features

- Product Width: 10mm
- Lm/m (Up To): 946Lm/m
- Lm/W (Up To): 99Lm/W
- CRI: 90+
- Lightsource SDCM: ≤5
- Run Length (Max): 5m
- Available Colours: 2700K, 3000K, 4000K, 6500K
- Warranty: 2 Years

24V

>90
CRI

HORIZ
BEND

2oz
PCB

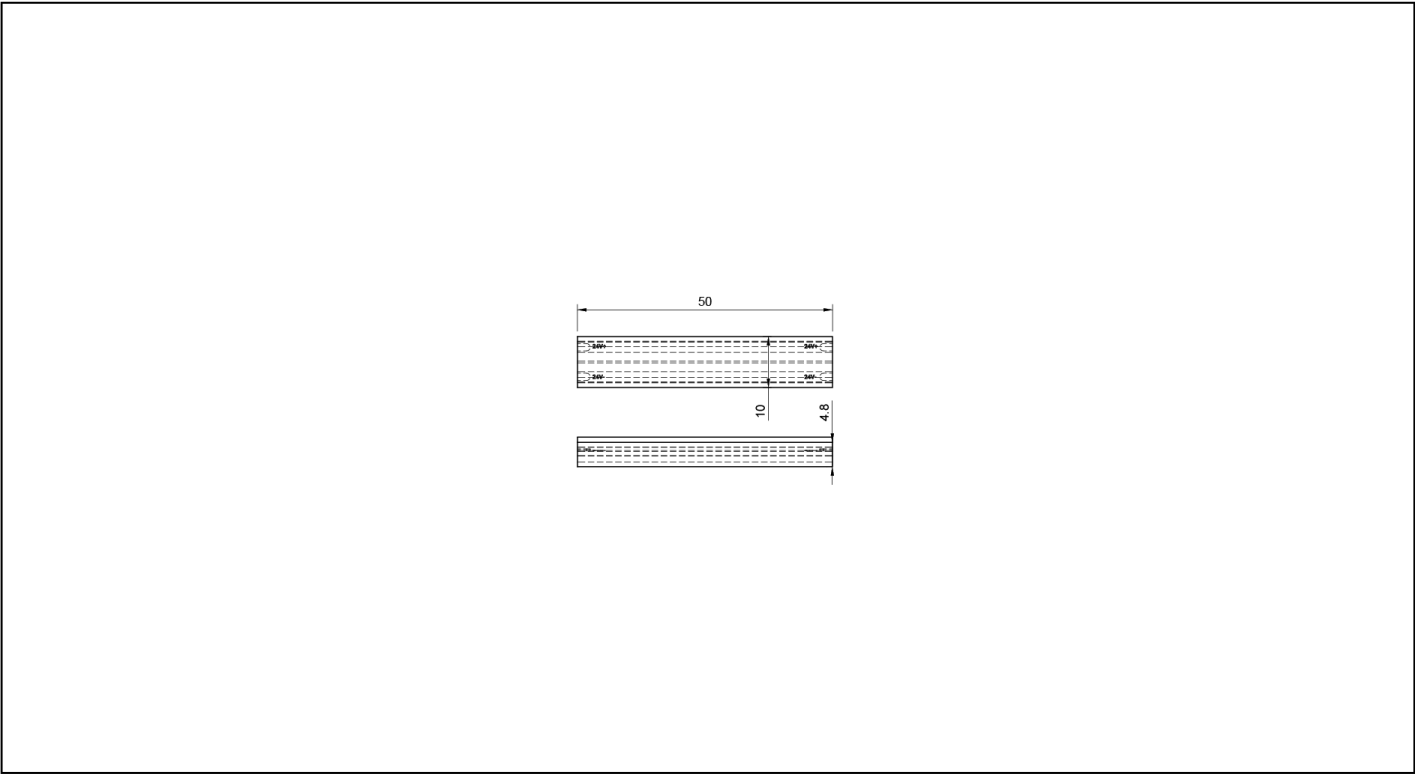
IP65

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	JL
Self Adhesive Model Number	4910F
Entry Cable Direction	End
Product Dimensions	2000x10x5 mm

Dimensions



Input

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

Control

Dimmable	Yes
----------	-----

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
-------------------------	-----

Photometric Data

Colour Type	Single Colour
CRI	90
Luminous Intensity	200.904 cd
Peak Luminous Intensity	200.904 cd
SDCM	< 5
Lumen Total	1636.8 Lm
Lumens Per Metre	818 Lm/m
Lumens Per Watt	85 Lm/W

Wavelength	583.1 nm
R9 Value	47
CCT	2700 K

Environment

Application Environment	Indoor
Anti-Yellowing	No
Ingress Protection (IP)	IP65
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