

CTO-PS24-160-27K1M



Key Features

- Product Width: 8mm
- Lm/m (up to): 2030Lm/m
- Lm/W (up to): 140.97Lm/W
- CRI: 90+
- Lightsource SDCM: ≤2
- Run Length (Max): 5m
- Available Colours: 2700K, 3000K, 4000K, 6500K
- Warranty: 7 Years

24V

>90
CRI

HORIZ
BEND

IP20

Mechanical Data

Body Colour	White
Bend Direction	Horizontal
Cable Both Ends	Yes
Cable Length	2 mm
Cable Sheath Material	PVC
Cable Weight	20 AWG
LED Chip Brand	SAN'AN
LED Chip Type	SMD
Connector Type	None

Copper Foil Weight	3 oz
Cut Points	6.25 mm
LED Module Replaceable	No
LED Pitch	6.25 mm
LEDs Per Unit	1
LEDs Per Metre	160
LEDs Total	160
Min · Bend Radius	30 mm
PCB Type	Flexible
Product Weight	161 g
Self Adhesive Brand	3M
Self Adhesive Model Number	55230H
Entry Cable Direction	End
Product Dimensions	1000x8x2 mm

Dimensions



Input

Input Voltage	24 V
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Control

Default PWM Frequency	50 Hz
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Dimmable	Yes
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Electrical Data

Constant Voltage / Constant Current	CV
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Current Max · @5 Metre	2.64A
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Current Max · Rated	0.66 A
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Wattage Max · @1 Metre	15.84 W
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Wattage Typ · @1 Metre	14.4 W
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Wattage Typ · @5 Metre	57.6 W
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Wattage Typ · @Max Run Length	57.6 W
Current Typ · @Max Run Length	2.4 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	583.7 cd
Peak Luminous Intensity	583.7 cd
SDCM	< 2
Lumen Total	1660 Lm
Lumens Per Metre	1660 Lm/m
Lumens Per Watt	115 Lm/W
Wavelength	583.6 nm
R9 Value	51
CCT	2700 K

Environment

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

UV Resistant

No

Efficiency

Energy Efficiency Class

F

L70B50

60000 Hours

L80B10

54000 Hours

L90B10

26000 Hours

LM80

10000Hours

Lumen Maintenance Factor

0.9823

Rated Life

60000 Hours

Survival Factor

0.9

Switch Cycles

10000