

PS24-27K16050M67

Key Features



24V

>90
CRI

HORIZ
BEND

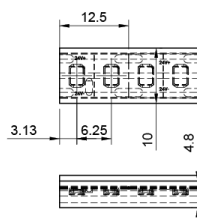
IP67

Mechanical Data

Bend Direction	Horizontal
Cable Length	500 mm
Cable Sheath Material	Silicone
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 Pitch	6.25 mm
LEDs Per Unit	1
LEDs Per Metre	160
LEDs Total	800
Min · Bend Radius	30 mm
PCB Type	Flexible
Product Weight	511 g
Self Adhesive Brand	JL
Self Adhesive Model Number	4910F
Body Colour	White
Entry Cable Direction	End
Product Dimensions	50000x10x5 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

Default PWM Frequency	50 Hz
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Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	2.64A
Current Max · Rated	0.66 A
Wattage Max · @1 Metre	15.84 W
Wattage Typ · @1 Metre	14.4 W
Wattage Typ · @5 Metre	57.6 W
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

Bin Number	One Bin
Colour Type	Single Colour
CRI	90
Luminous Intensity	604.6 cd
Lumen Total	8624 Lm
Peak Luminous Intensity	604.6 cd
SDCM	< 2
Lumens Per Metre	1460.8 Lm/m

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Lumens Per Watt	101 Lm/W
Wavelength	583.6 nm
R9 Value	51
CCT	2700 K
Environment	
Application Environment	Indoor,Outdoor
Body Material	Silicone
Ingress Protection (IP)	IP67
Interior or Exterior Use	Interior,Exterior
Efficiency	
Energy Efficiency Class	E
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