

PS24-27K1605M

Key Features

- Product Width: 8 mm
- Lm/m (up to): 2030 Lm/m
- Lm/W (up to): 141 Lm/W
- CRI: 90+
- Lightsource SDCM: ≤2
- Run Length (Max): 5 m
- Available Colours: 2700K–6000K
- Warranty: 7 Years



24V

>90
CRI

HORIZ
BEND

IP20

Mechanical Data

Bend Direction	Horizontal
Cable Both Ends	Yes
Cable Length	500 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	800
Min · Bend Radius	30 mm
PCB Type	Flexible
Product Weight	161 g
Self Adhesive Brand	3M
Self Adhesive Model Number	55230H
Body Colour	White
Entry Cable Direction	End
Product Dimensions	5000x8x2 mm

Dimensions



Input

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

Control

Default PWM Frequency	50 Hz
-----------------------	-------

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

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

Photometric Data

Beam Angle	118.6 °
Bin Number	One Bin
Colour Type	Single Colour
CRI	90
Luminous Intensity	604.6 cd
Peak Luminous Intensity	604.6 cd
SDCM	< 2
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
Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior
Solvent Resistant	No
Saltwater Resistant	No

UV Resistant	No
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