

LP24-6K2405M65



Key Features

- Product Width: 10mm
- Lm/m (up to): 3469.2Lm/m
- Lm/W (up to): 173Lm/W
- CRI: 90+
- Lightsource SDCM: ≤3
- Run Length (Max): 5m
- Available Colours: 2700K, 3000K, 4000K, 6000K
- Warranty: 5 Years

PWM

From 1 Bin

>90 CRI

HORIZ BEND

IP65

Mechanical Data

Bend Direction	Horizontal
Cable Length	500 mm
Cable Sheath Material	PVC
Cable Weight	18 AWG
LED Chip Brand	SAN'AN
LED Chip Type	SMD
Copper Foil Weight	3 oz
Cut Points	33.33 mm
LED Pitch	4.17 mm

LEDs Per Unit	8
LEDs Per Metre	240
LEDs Total	1200
Min · Bend Radius	30 mm
PCB Type	Flexible
Product Weight	180 g
Self Adhesive Brand	3M
Self Adhesive Model Number	55230H
Body Colour	White
Entry Cable Direction	End
Product Dimensions	5000x10x2 mm

Dimensions



Input

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

Control

Dimming Type	PWM
--------------	-----

Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	3.652A
Current Max · Rated	0.913 A
Wattage Max · @1 Metre	22 W
Wattage Typ · @1 Metre	20 W
Wattage Typ · @5 Metre	80 W
Wattage Typ · @Max Run Length	80 W
Current Typ · @Max Run Length	3.32 A
Max · Run Length	5 m

Protection

Electrical Safety Class	III
-------------------------	-----

Photometric Data

Bin Number	1
Colour Type	Single Colour
CRI	90
Luminous Intensity	1029 cd
Lumen Total	16660 Lm
Peak Luminous Intensity	1029 cd
SDCM	< 3
Lumens Per Metre	3312.4 Lm/m
Lumens Per Watt	166 Lm/W

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

Wavelength	487.8 nm
R9 Value	84
CCT	6000 K
Environment	
Application Environment	Outdoor
Ingress Protection (IP)	IP65
Interior or Exterior Use	Exterior
Efficiency	
Energy Efficiency Class	D
L70B50	60000 Hours
L80B10	54000 Hours
L90B10	24000 Hours
LM80	10000Hours
Lumen Maintenance Factor	0.9823
Rated Life	60000 Hours
Survival Factor	0.9
Switch Cycles	10000