

EP24-6K16020M



Key Features

- Product Width: 8mm
- Lm/m (up to): 501Lm/m
- Lm/W (up to): 167Lm/W
- CRI: 90+
- Lightsource SDCM: ≤3
- Run Length (Max): 20m
- Available Colours: 2700K, 3000K, 4000K, 6000K
- Warranty: 7 Years

PWM

120°
BEAM

From
1 Bin

>90
CRI

HORIZ
BEND

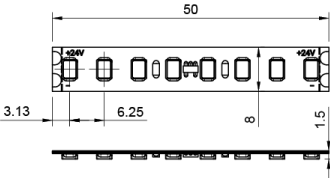
IP20

Mechanical Data

Bend Direction	Horizontal
Cable Both Ends	Yes
Cable Length	0.5 mm
Cable Sheath Material	PVC
Cable Weight	18 AWG
LED Chip Brand	SA
LED Chip Type	SMD
Copper Foil Weight	3 oz
Cut Points	50 mm

LED Module Replaceable	No
LED Pitch	6.25 mm
LEDs Per Unit	8
LEDs Per Metre	160
LEDs Total	3200
Min · Bend Radius	20 mm
PCB Type	Flexible
Self Adhesive Brand	3M
Self Adhesive Model Number	300LSE
Body Colour	White
Entry Cable Direction	End
Product Dimensions	20000x8x2 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
Control	
Dimmable	Yes
Dimming Type	PWM
Electrical Data	
Constant Voltage / Constant Current	CV
Current Max · @5 Metre	0.6875A
Current Max · White @1 Metre	0.125 A
Current Max · Rated	0.1375 A
Wattage Max · @1 Metre	3.3 W
Wattage Typ · @1 Metre	3 W
Wattage Typ · @5 Metre	16.5 W
Wattage Typ · @Max Run Length	60 W
Current Typ · @Max Run Length	2.5 A
Max · Run Length	20 m
Photometric Data	
Beam Angle	120 °
Bin Number	1
Colour Type	Single Colour
CRI	90
Lumen Total	2415 Lm
SDCM	< 3
Lumens Per Metre	483 Lm/m
Lumens Per Watt	161 Lm/W

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R9 Value	74
CCT	6000 K
Environment	
Anti-Yellowing	No
Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior
Efficiency	
Energy Efficiency Class	D
Rated Life	50000 Hours
Survival Factor	0.9