

EP24-6K18050M



Key Features

- Product Width: 10mm
- Lm/m (up to): 859.4Lm/m
- Lm/W (up to): 207.2Lm/W
- CRI: 80+
- Lightsource SDCM: ≤3
- Run Length (Max): 5m
- Available Colours: 2700K, 3000K, 4000K, 5000K, 6000K
- Warranty: 5 Years

24V

120°
BEAM

From
1 Bin

>80
CRI

HORIZ
BEND

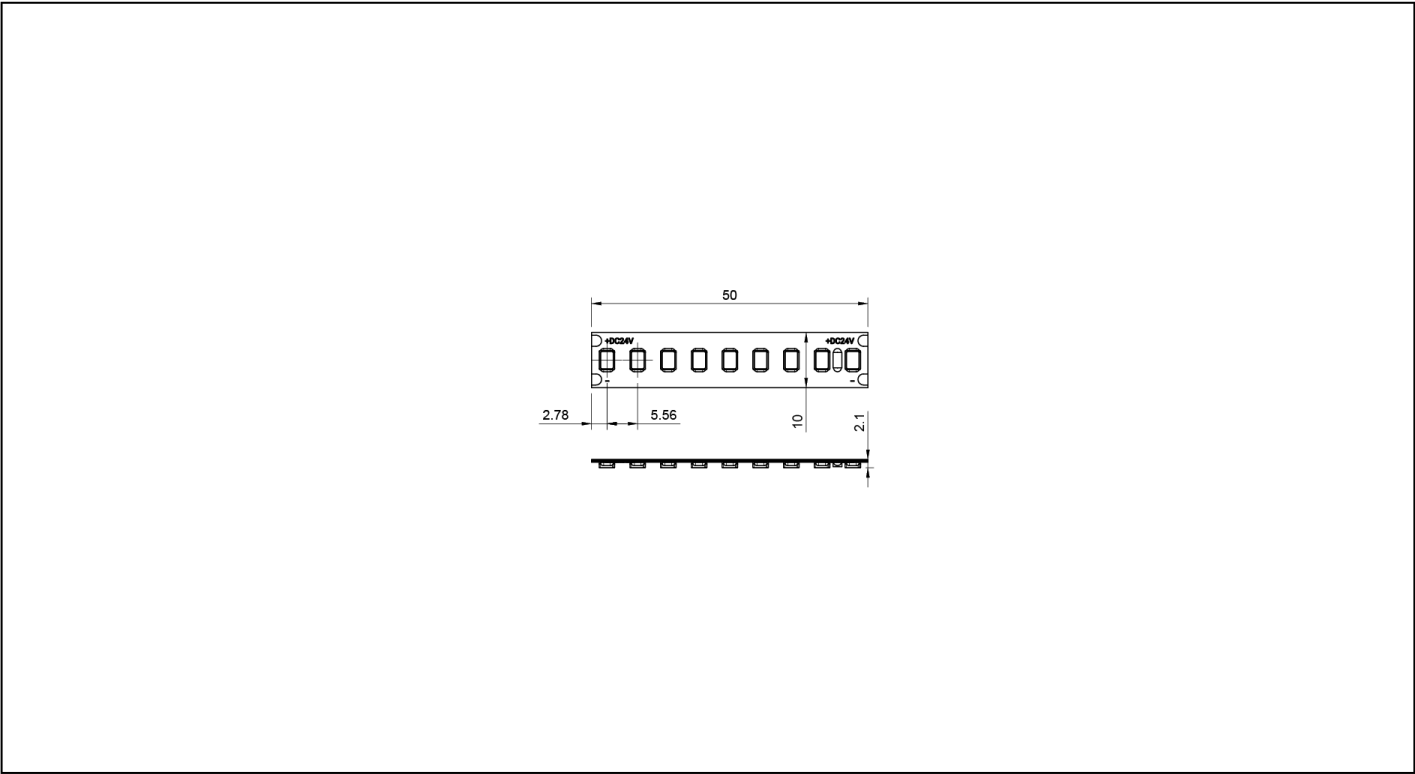
IP20

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	SANAN
Copper Foil Weight	4 oz
Cut Points	50 mm
LED Module Replaceable	No

LED Pitch	5.56 mm
LEDs Per Unit	9
LEDs Per Metre	180
LEDs Total	900
Min · Bend Radius	50 mm
PCB Type	Flexible
Product Weight	110 g
Self Adhesive Brand	3M
Self Adhesive Model Number	9080
Body Colour	White
Entry Cable Direction	End
Product Dimensions	50000x10x2 mm

Dimensions



Input

Input Voltage	24 V
Control	
Dimmable	No
Electrical Data	
Constant Voltage / Constant Current	CV
Current Max · @5 Metre	0.916A
Current Max · White @1 Metre	0.183 A
Current Max · Rated	0.183 A
Wattage Max · @1 Metre	4.4 W
Wattage Typ · @1 Metre	4 W
Wattage Typ · @5 Metre	20 W
Wattage Typ · @Max Run Length	22 W
Current Typ · @Max Run Length	5 A
Max · Run Length	5 m
Protection	
Electrical Safety Class	III
Photometric Data	
Beam Angle	120 °
Bin Number	1
Colour Type	Single Colour
CRI	80
Lumen Total	37872 Lm
Lumens Per Watt (White)	210 Lm/W
Peak Luminous Intensity	269.3 cd

SDCM	< 3
Lumens Per Metre	841.6 Lm/m
Lumens Per Watt	205 Lm/W
Wavelength	488 nm
R9 Value	9
CCT	6000 K

Environment

Application Environment	Indoor
Anti-Yellowing	No
Case Temperature Max · (tc)	34 °C
Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior
Solvent Resistant	No
Saltwater Resistant	No
UV Resistant	No

Efficiency

Energy Efficiency Class	C
L70B50	54000 Hours
L80B10	54000 Hours
L90B10	52000 Hours
LM80	54000Hours
Lumen Maintenance Factor	0.96
Rated Life	50000 Hours
Survival Factor	1
Switch Cycles	1200

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