

LP24-27K24050M



24V

>90
CRI

IP20

7
YEAR

Key Features

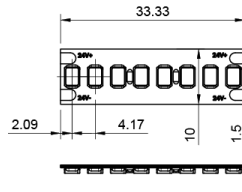
- **Product Width:** 10mm
- **Lm/m (up to):** 3540Lm/m
- **Lm/W (up to):** 177Lm/W
- **Cri:** 90+
- **Lightsource SDCM:** ≤3
- **Run Length (Max):** 5m
- **Available Colours:** 2700K, 3000K, 4000K, 6000K
- **Warranty:** 7 Years

Mechanical Data			
Body Colour	White	Bend Direction	Horizontal
Cable Both Ends	Yes	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 Module Replaceable	No	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	175 g
Self Adhesive Brand	3M	Self Adhesive Model Number	55230H
Entry Cable Direction	End	Product Dimensions	50000x10x2 mm

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		

Input Data			
Input Voltage	24 V		
Control Data			
Dimming Type	PWM	Dimmable	Yes
Photometric Data			
Beam Angle	116 °	Bin Number	1
Colour Type	Single Colour	CRI	90
Luminous Intensity	1029 cd	Lumen Total	17000 Lm
Peak Luminous Intensity	1029 cd	SDCM	< 3
Lumens Per Metre	3280 Lm/m	Lumens Per Watt	164 Lm/W
Wavelength	589.3 nm	R9 Value	54
CCT	2700 K		
Environment Data			
Anti-Yellowing	No	Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior	Solvent Resistant	No
Saltwater Resistant	No	UV Resistant	No
Protection Data			
Electrical Safety Class	III		
Efficiency Data			
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		

Dimensions



Disclaimer

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.