

PPS24-JC-27K-2.5M



>90
CRI

IP20

7
YEAR

Key Features

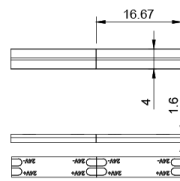
- **Product Width:** 4mm
- **Lm/m (Up To):** 935Lm/m
- **Lm/W (Up To):** 104Lm/W
- **CRI:** 90+
- **Lightsource SDCM:** ≤5
- **Run Length (Max):** 2.5m
- **Available Colours:** 2700K, 3000K, 4000K, 6500K
- **Warranty:** 7 Years

Mechanical Data			
Bend Direction	Horizontal	Cable Both Ends	Yes
Cable Length	500 mm	Cable Sheath Material	PVC
Cable Weight	20 AWG	LED Chip Brand	JC_CSP
LED Chip Type	CSP	Connector Type	Syndeo
Copper Foil Weight	2 oz	Cut Points	16.67 mm
LED Module Replaceable	No	LED Pitch	2.38 mm
LEDs Per Unit	7	LEDs Per Metre	420
LEDs Total	1050	Min · Bend Radius	30 mm
PCB Type	Flexible	Product Weight	0 g
Self Adhesive Brand	3M	Self Adhesive Model Number	55230H
Body Colour	White	Entry Cable Direction	Bottom
Product Dimensions	2500x4x2 mm		

Electrical Data			
Constant Voltage / Constant Current	CV	Current Max · @5 Metre	2.0625A
Current Max · Rated	0.4125 A	Wattage Max · @1 Metre	10 W
Wattage Typ · @1 Metre	9 W	Wattage Typ · @5 Metre	45 W
Wattage Typ · @Max Run Length	22.5 W	Current Typ · @Max Run Length	0.9375 A
Max · Run Length	2.5 m		

Input Data			
Input Voltage	24 V		
Control Data			
Control Signal Input	DALI, 0-10, 1-10, TRIAC, DALI-2, Push dim, RF 2.4GHz, RF, PWM, Zigbee	Default PWM Frequency	2000 Hz
Dimming Type	DALI, DALI-2, DALI-2, TRIAC, PWM, PUSH DIM, Non-Dimmable, 0-10, 0/1-10	Dimmable	Yes
Photometric Data			
Colour Type	Single Colour	CRI	90
Luminous Intensity	197.6 cd	Peak Luminous Intensity	197.6 cd
SDCM	< 5	Lumen Total	2000 Lm
Lumens Per Metre	800 Lm/m	Lumens Per Watt	89 Lm/W
Wavelength	582.3 nm	R9 Value	45
CCT	2700 K		
Environment Data			
Anti-Yellowing	No	Case Temperature Max · (tc)	75 °C
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	F	L70B50	54000 Hours
L80B10	34000 Hours	L90B10	21000 Hours
LM80	9000Hours	Lumen Maintenance Factor	97.07
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.