

24V

>95
CRI

IP20

7
YEAR

Key Features

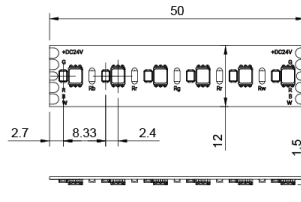
- **Product Width:** 12 mm
- **Lm/m (up to):** 1300 Lm/m
- **Lm/W (up to):** 64 Lm/W
- **CRI:** 95+
- **Lightsource SDCM:** ≤3
- **Run Length (Max):** 5m
- **Available Colours:** 2700K, 3000K, 4000K, 6500K
- **Warranty:** 7 Years

Mechanical Data			
Body Colour	White	Bend Direction	Horizontal
Cable Both Ends	Yes	Cable Length	500 mm
Cable Sheath Material	PVC	Cable Weight	20 AWG
LED Chip Brand	SA	Copper Foil Weight	2 oz
Cut Points	50 mm	LED Module Replaceable	No
LED Pitch	8.33 mm	LEDs Per Unit	12
LEDs Per Metre	240	LEDs Total	1200
PCB Type	Flexible	Self Adhesive Brand	3M
Self Adhesive Model Number	300LSE	Entry Cable Direction	End
Product Dimensions	5000x12x2 mm		

Electrical Data			
Constant Voltage / Constant Current	CV	Current Max · @5 Metre	4.58A
Current Max · White @1 Metre	0.228 A	Current Max · Rated	0.916 A
Wattage Max · @1 Metre	22 W	Wattage Typ · @1 Metre	20 W
Wattage Typ · @5 Metre	100 W	Wattage Typ · @Max Run Length	100 W
Current Typ · @Max Run Length	4.165 A	Current Max · Blue @1 Metre	0.228 A
Current Max · Green @1 Metre	0.228 A	Current Max · Red @1 Metre	0.228 A
Max · Run Length	5 m		

Input Data			
Input Voltage	24 V		
Control Data			
Dimming Type	PWM	Dimmable	Yes
Photometric Data			
Beam Angle	120 °	Bin Number	1
Colour Type	RGBW	CRI	95
Lumen Total	6300 Lm	Lumens Per Metre (White)	593 Lm/m
Lumens Per Watt (Blue)	19 Lm/W	Lumens Per Watt (Green)	98 Lm/W
Lumens Per Watt (Red)	26 Lm/W	Lumens Per Watt (White)	120 Lm/W
SDCM	< 3	Lumens Per Metre	1260 Lm/m
Lumens Per Metre (Blue)	97 Lm/m	Lumens Per Metre (Green)	465 Lm/m
Lumens Per Metre (Red)	132 Lm/m	Lumens Per Watt	63 Lm/W
R9 Value	93	CCT	3000 K
Environment Data			
Anti-Yellowing	No	Case Temperature Max · (tc)	65 °C
Ingress Protection (IP)	IP20	Interior or Exterior Use	Interior
Protection Data			
Electrical Safety Class	III		
Efficiency Data			
Rated Life	50000 Hours		

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.