

PP24-DR-RGB2765K2525M



Key Features

Product Width (mm): 15mm

Lm/m (up to): 3500Lm/m

Lm/W (up to): 80Lm/W

CRI: 95+

Lightsource SDCM: ≤3

Run Length (max): 3m

Available Colours: 2700K - 6500K

Warranty: 7 Years

24V

PWM

120° BEAM

From 1 Bin

>95 CRI

HORIZ BEND

IP20

Mechanical Data

Body Colour	White
Bend Direction	Horizontal
Cable Length	0.5 mm
Cable Sheath Material	PVC
Cable Weight	20 AWG
LED Chip Brand	SA
LED Chip Type	SMD
Copper Foil Weight	3 oz
Cut Points	83.3 mm

Entry Cable Direction

End

LED Pitch

11.9 mm

LEDs Per Unit

21

LEDs Per Metre

252

LEDs Total

1260

Min · Bend Radius

20 mm

PCB Type

Flexible

Self Adhesive Brand

3M

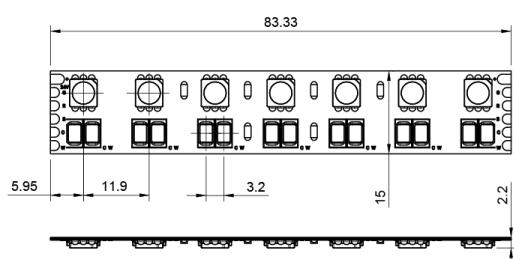
Self Adhesive Model Number

300LSE

Product Dimensions

5000x15x2 mm

Dimensions



Input

Input Voltage

24 V

Control

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

Dimming Type

PWM

Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	10.31A
Current Typ · @Max Run Length	5.62 A
Current Max · Blue @1 Metre	0.36725 A
Current Max · Green @1 Metre	0.36 A
Current Max · Red @1 Metre	0.38 A
Current Max · White @1 Metre	0.74 A
Current Max · Rated	2.06 A
Max · Run Length	3 m
Wattage Max · @1 Metre	49.5 W
Wattage Typ · @1 Metre	45 W
Wattage Typ · @5 Metre	247.5 W
Wattage Typ · @Max Run Length	135 W

Protection

Electrical Safety Class	III
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Photometric Data

Beam Angle	120 °
Bin Number	1
Colour Type	RGBCCT
CRI	95
Lumen Total	17500 Lm
Lumens Per Metre	3500 Lm/m

Lumens Per Metre (Blue)	234 Lm/m
Lumens Per Metre (Red)	474 Lm/m
Lumens Per Metre (White)	2200 Lm/m
Lumens Per Watt	80 Lm/W
Lumens Per Watt (Blue)	26.6 Lm/W
Lumens Per Watt (Green)	103 Lm/W
Lumens Per Watt (Red)	50 Lm/W
Lumens Per Watt (White)	110 Lm/W
Lumens Per Watt (White 2)	123 Lm/W
R9 Value	80
SDCM	< 3
CCT	2700 - 6500 K
Wavelength Blue	470 nm
Wavelength Green	522 nm
Wavelength Red	620 nm

Environment

Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior

Efficiency

Energy Efficiency Class	E
Rated Life	50000 Hours
Survival Factor	0.9