

NEONRANGLE-5MKIT-3K



Key Features

- Product Dimensions (mm):** L5000xW10xH9.
- Bend Direction:** Vertical
- Lm/m (Up To):** 416Lm/m
- Lm/W (Up To):** 46Lm/W
- Run Length (Max):** 5m
- Available Colours:** 2300K, 2700K, 3000K
- Warranty:** 5 Years
- Key Features Spec:** Precision Directional Lighting.
Seamless Recessed Integration. Tool-Free Customisation
- Beam Angle:** Projects a wide 120° beam, angled at 10° for precise, directional lighting.
- Kit Contents::** 5m reel with 1m Cable on both ends, 4 x extra 500m Cable (2 cables left and 2 cables right side) 4 pairs of End Caps (left and right side) & 10ml Silicone Glue

24V

PWM

120°
BEAM

>90
CRI

VERT
BEND

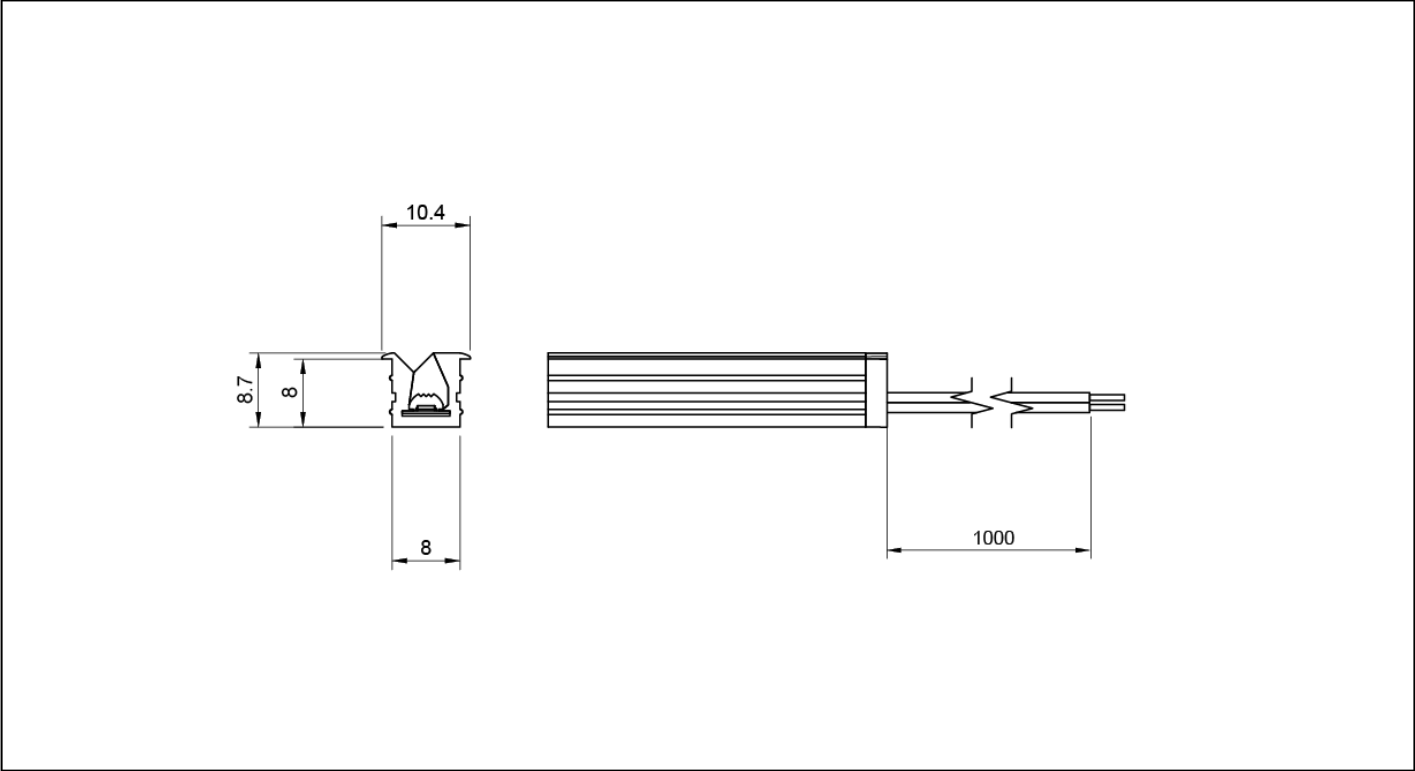
IP20

Mechanical Data

Bend Direction	Vertical
Cable Length	1000 mm
Cable Sheath Material	Silicone
Cable Weight	22 AWG
LED Chip Brand	Sanan

LED Chip Type	2216
Connector Type	Bare end
Copper Foil Weight	3 oz
Cut Points	0 mm
LED Pitch	4.17 mm
LEDs Per Unit	2
LEDs Per Metre	240
LEDs Total	1200
Min · Bend Radius	75 mm
PCB Type	Flexible
Product Weight	500 g
Body Colour	White
Entry Cable Direction	Top
Product Dimensions	5000x10x9 mm

Dimensions



Input

Input Voltage	24 V
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Control

Control Signal Input	PWM
Dimming Type	PWM

Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	2.05A
Current Max · Rated	0.41 A
Wattage Max · @1 Metre	9.9 W
Wattage Typ · @1 Metre	9 W
Wattage Typ · @5 Metre	45 W

Wattage Typ · @Max Run Length	45 W
Current Typ · @Max Run Length	1.9 A
Max · Run Length	5 m

Protection

Electrical Safety Class	III
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Photometric Data

Beam Angle	120 °
Colour Type	Single Colour
CRI	90
Lumen Total	2080 Lm
Lumens Per Metre	416 Lm/m
Lumens Per Metre (White)	430 Lm/m
SDCM	< 3
Lumens Per Watt	46 Lm/W
R9 Value	70
CCT	3000 K

Environment

Application Environment	Furniture & Cabinet Displays
Body Material	Silicone
Case Temperature Max · (tc)	65 °C
Ingress Protection (IP)	IP20
Interior or Exterior Use	Interior

Efficiency

Rated Life	50000 Hours
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