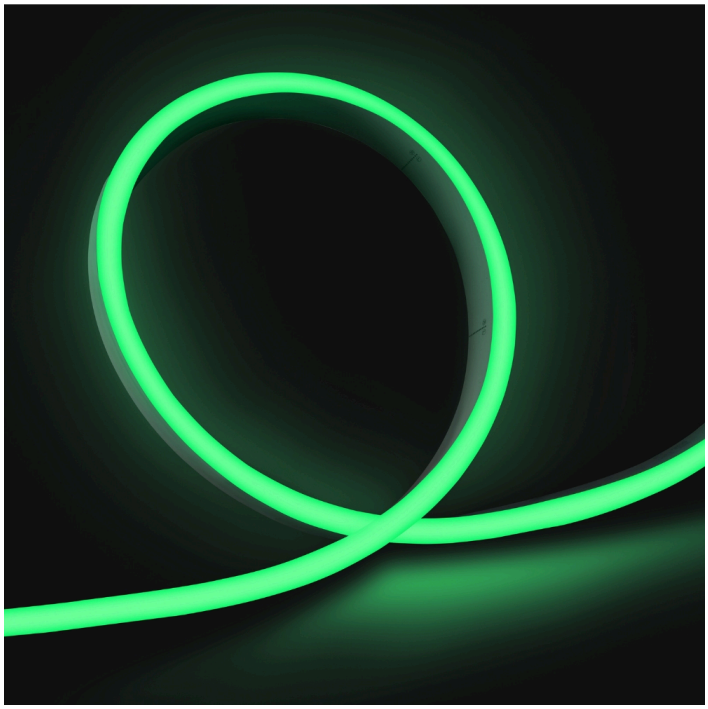
Tagra | Build LED Neon Flex | Horizontal 11.5 | 11.5x21mm | RGB | 48V | IP68 | 9W/m | Custom

NEON-FAC-HB-11521-48V-RGB



Key Features

Product Length: 1m

Run Length (Max): 10m

5 YEAR | HORIZ BEND | >90 CRI | 4oz PCB | IP68

Mechanical Data

Bend Direction	Horizontal
Body Colour	White
Cable Both Ends	Yes
Cable Length	93mm
Cable Sheath Material	Silicone
Cable Weight	20AWG
Copper Foil Weight	4oz
Cut Points	250mm
Entry Cable Direction	Side, Top, Bottom

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LED Chip Brand	Epistar
LED Chip Type	5050
LED Module Replaceable	No
LED Pitch	16.66mm
LEDs Per Metre	60
LEDs Per Unit	6
LEDs Total	60
Min · Bend Radius	40mm
Product Weight	2g
Self Adhesive Brand	3M

Input

Input Voltage	48 - 48

Control

Control Signal Input	PWM, DMX
Dimmable	Yes
Dimming Type	PWM

Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	2.5M
Current Max · Blue @1 Metre	0.027 A
Current Max · Green @1 Metre	0.027 A
Current Max · Rated	5 A
Current Max · Red @1 Metre	0.027 A
Current Max · White @1 Metre	0.08 A

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Current Typ · @Max Run Length	5 A
Max · Run Length	10 m
Wattage Max · @1 Metre	10 W
Wattage Typ · @1 Metre	12 W
Wattage Typ · @5 Metre	60 W
Wattage Typ · @Max Run Length	120 W

Protection

Electrical Safety Class	III

Photometric Data

Bin Number	1
Colour Type	RGB
CRI	90
Lumen Total	23Lm
Lumens Per Metre	176 Lm/m
Lumens Per Metre (Blue)	19Lm/m
Lumens Per Metre (Red)	50Lm/m
Lumens Per Watt	15Lm/W
Lumens Per Watt (Blue)	1Lm/W
Lumens Per Watt (Green)	9Lm/W
Lumens Per Watt (Red)	4Lm/W
Lumens Per Watt (White)	35Lm/W
Luminous Intensity	261cd
Peak Luminous Intensity	261cd
SDCM	<3
Wavelength Blue	465 - 475

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Wavelength Green	520 - 530
Wavelength Red	630 - 620

Environment

Anti-Yellowing	Yes
Application Environment	Facade
Body Material	Silicone
Case Temperature Max · (tc)	50°C
Ingress Protection (IP)	IP68
Interior or Exterior Use	Interior or Exterior
Saltwater Resistant	Yes
Solvent Resistant	Yes
UV Resistant	Yes

Efficiency

L70B50	50000 Hours
LM80	6000Hours
Rated Life	43800 Hours

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