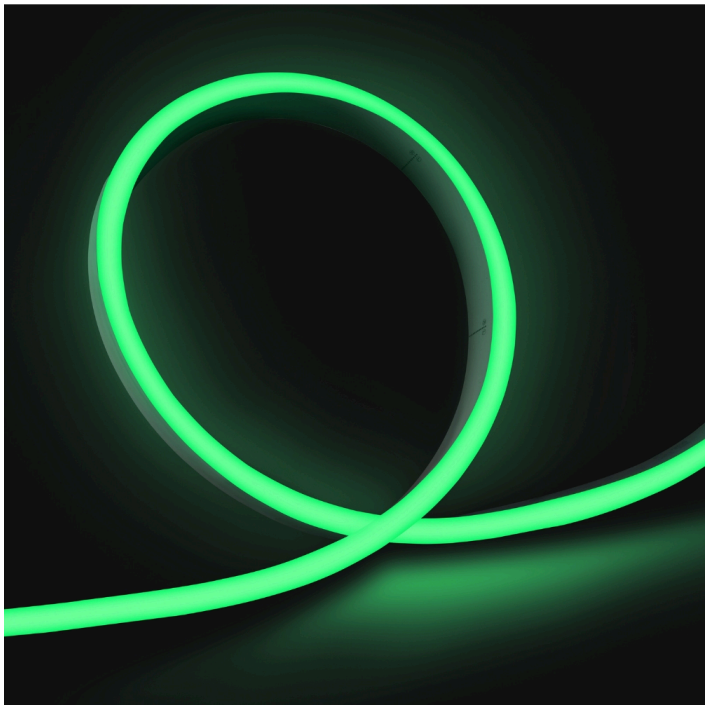
Tagra | Build LED Neon Flex | Horizontal 11.5 | 11.5x21mm | RGB | 24V | IP68 | 9Wp/m | Custom

NEON-FAC-HB-11521-24V-RGB



Key Features

Product Length: 1m

Run Length (Max): 10m

5 YEAR | HORIZ BEND | >90 CRI | IP68

Mechanical Data

Bend Direction	Horizontal
Body Colour	White
Cable Length	93mm
Cable Sheath Material	Silicone
Cable Weight	20AWG
Copper Foil Weight	4oz
Cut Points	100mm
Entry Cable Direction	Side, Top, Bottom
LED Chip Brand	Epistar

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LED Chip Type	5050
LED Pitch	240mm
LEDs Per Metre	60
LEDs Per Unit	6
LEDs Total	140
Min · Bend Radius	60mm
Product Weight	2g
Self Adhesive Brand	3M

Input

Input Voltage	24 - 24

Control

Control Signal Input	PWM, DMX
Dimmable	Yes
Dimming Type	PWM, DMX

Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	0.937 AM
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
Current Typ · @Max Run Length	25 A
Max · Run Length	10 m

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Wattage Max · @1 Metre	12 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

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
Peak Luminous Intensity	219cd
R9 Value	60
SDCM	<3

Environment

Anti-Yellowing	Yes
Application Environment	Facade
Body Material	Silicone

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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

Energy Efficiency Class	G
L70B50	25000 Hours
LM80	6000 Hours HoursHours
Rated Life	43800 Hours

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