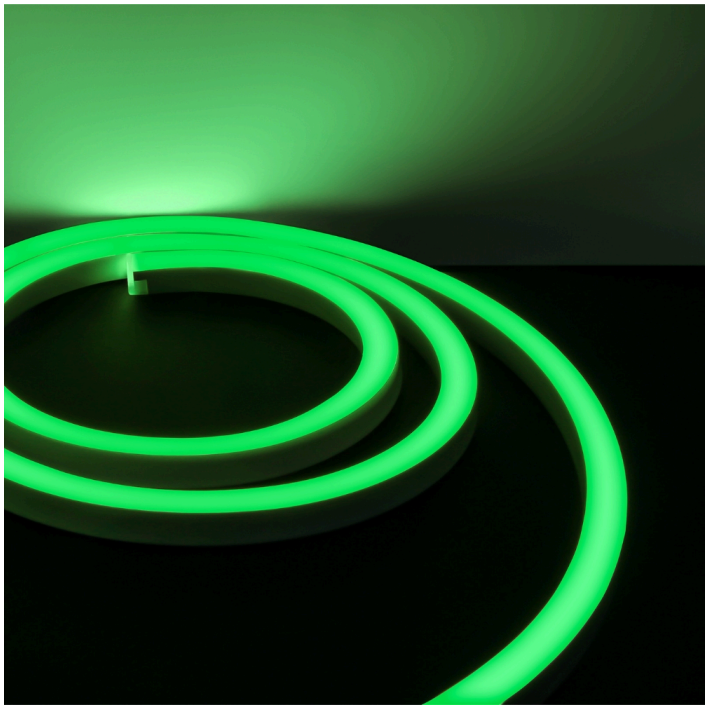
Tagra | Build LED Neon Flex | Horizontal 16.5 | 16.5x16.5mm | RGB | 24V | IP68 | 13Wp/m | Custom

NEON-FAC-HB-165165-24V-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 Length	93mm
Cable Sheath Material	Silicone
Cable Weight	20AWG
Copper Foil Weight	4oz
Cut Points	83.33mm
Entry Cable Direction	Side, Top, Bottom
LED Chip Brand	Epistar

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LED Chip Type	5050
LED Module Replaceable	No
LED Pitch	13.88mm
LEDs Per Metre	72
LEDs Per Unit	6
LEDs Total	320
Min · Bend Radius	75mm
PCB Type	Flexible
Product Weight	460g
Self Adhesive Brand	3M

Input

Input Voltage	24 - 24

Control

Control Signal Input	PWM, DMX
Dimmable	Yes
Dimming Type	PWM

Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	1.1 AM
Current Max · Blue @1 Metre	0.027 A
Current Max · Green @1 Metre	0.027 A
Current Max · Rated	5.41 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	5.41 A
Max · Run Length	10 m
Wattage Max · @1 Metre	13 W
Wattage Typ · @1 Metre	5 W
Wattage Typ · @5 Metre	65 W
Wattage Typ · @Max Run Length	130 W

Protection

Electrical Safety Class	III

Photometric Data

Colour Type	RGB
CRI	90
Lumen Total	23Lm
Lumens Per Metre	460 Lm/m
Lumens Per Metre (Blue)	21Lm/m
Lumens Per Metre (Red)	50Lm/m
Lumens Per Watt	35Lm/W
Lumens Per Watt (Blue)	5Lm/W
Lumens Per Watt (Green)	22Lm/W
Lumens Per Watt (Red)	6Lm/W
Lumens Per Watt (White)	35Lm/W
Luminous Intensity	131.1cd
Peak Luminous Intensity	131.1cd
R9 Value	60
SDCM	<3
Wavelength Blue	465 - 475

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Wavelength Green	520 - 530
Wavelength Red	630 - 620

Environment

Anti-Yellowing	Yes
Application Environment	Facades
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	6000 Hours HoursHours
Rated Life	60000 Hours

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