Tagra | Architectural LED Neon Flex | Horizontal 16 | 16x17mm | 2200-5700K | 24V | IP68 | 12Wp/m | Custom

NEON-ARC-HB-1617-12W-CCT

Key Features

Product Length: 1m

Light Colour: Extra Warm White

Run Length (Max): 15m

8oz PCB | 5 YEAR | HORIZ BEND | PWM | >80 CRI | IP68

Mechanical Data

Bend Direction	Horizontal
Body Colour	White
Cable Both Ends	Yes
Cable Length	2000mm
Cable Sheath Material	Silicone
Cable Weight	22AWG
Connector Type	Optional
Copper Foil Weight	8oz
Cut Points	83.33mm

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Entry Cable Direction	Side, Top, Bottom
LED Chip Brand	Epistar
LED Chip Type	SMD3015
LED Module Replaceable	No
LED Pitch	6.94mm
LEDs Per Metre	144
LEDs Per Unit	12
LEDs Total	84
Min · Bend Radius	150mm
PCB Type	Flexible
Product Weight	1720g

Input

Input Voltage	24 - 24

Control

Control Signal Input	PWM
Dimmable	Yes
Dimming Type	PWM

Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	2.75M
Current Max · Rated	2.75 A
Max · Run Length	15 m
Wattage Max · @1 Metre	12 W
Wattage Typ · @1 Metre	12 W

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Wattage Typ · @5 Metre	60 W
Wattage Typ · @Max Run Length	180 W

Protection

Electrical Safety Class	III

Photometric Data

Bin Number	1
CCT	2200 - 5700
Colour Type	CCT Tunable White
CRI	80
Lumens Per Metre	490 Lm/m
Lumens Per Metre (Blue)	34Lm/m
Lumens Per Metre (Red)	57Lm/m
Lumens Per Watt	41Lm/W
Lumens Per Watt (Blue)	8Lm/W
Lumens Per Watt (Green)	8.8Lm/W
Lumens Per Watt (Red)	13Lm/W
Lumens Per Watt (White)	37Lm/W
Luminous Intensity	152.4cd
Peak Luminous Intensity	152.4cd
SDCM	<3

Environment

Anti-Yellowing	Yes
Application Environment	High Level FaÃ§ade, Marine Envirionments , Yachts, Bridges, Tunnels
Body Material	Silicone

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Case Temperature Max · (tc)	75°C
Ingress Protection (IP)	IP68
Interior or Exterior Use	Exterior
Saltwater Resistant	Yes
Solvent Resistant	Yes
UV Resistant	Yes

Efficiency

L70B50	55000 Hours
Rated Life	43500 Hours

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