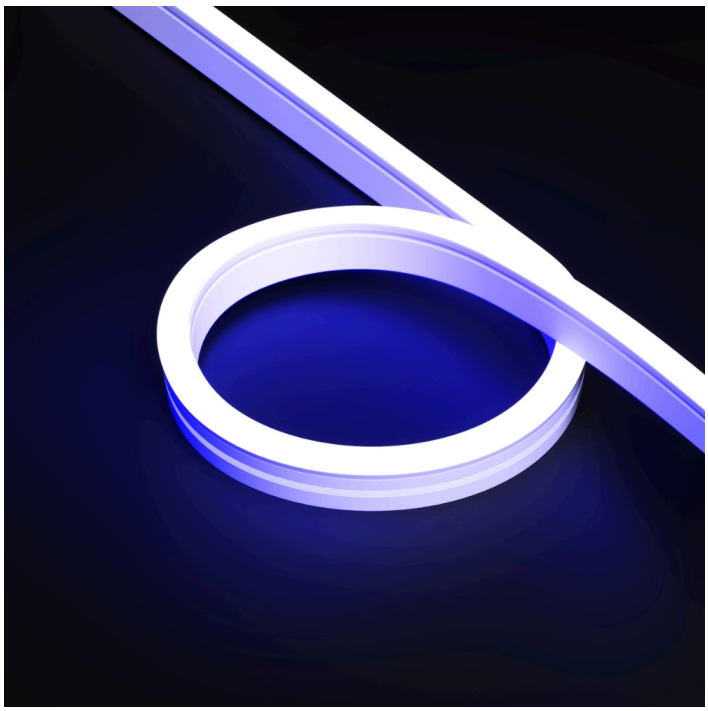
Tagra | Pro LED Neon Flex | Vertical 13 | Sauna | 13x12mm | RGB | 24V | IP67 | 5.5Wp/m | Custom

NEON1312HT-1M-RGB



Key Features

Product Length: 1m

Run Length (Max): 5m

VERT BEND | 3oz PCB | 5 YEAR | 5 MTRS | IP67 | PWM

Mechanical Data

Bend Direction	Vertical
Body Colour	White
Cable Both Ends	yes
Cable Length	1000mm
Cable Sheath Material	Silicone
Cable Weight	20AWG
Copper Foil Weight	3oz
Cut Points	50mm
Entry Cable Direction	Side, Top, Bottom

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LED Chip Brand	JC Chips
LED Chip Type	COB
LED Module Replaceable	No
LED Pitch	8.33mm
LEDs Per Metre	360
LEDs Per Unit	18
LEDs Total	360
Min · Bend Radius	60mm
PCB Type	Flexible
Product Weight	500g

Input

Input Voltage	24 - 24

Control

Control Signal Input	PWM
Default PWM Frequency	50Hz
Dimmable	Yes
Dimming Type	PWM

Electrical Data

Constant Voltage / Constant Current	CV
Current Max · @5 Metre	1.65 A AM
Current Max · Blue @1 Metre	0.11 A
Current Max · Green @1 Metre	0.11 A
Current Max · Rated	0.33 A
Current Max · Red @1 Metre	0.11 A

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Current Typ · @Max Run Length	1.5 A
Max · Run Length	5 m
Wattage Max · @1 Metre	7.9 W
Wattage Typ · @1 Metre	7.2 W
Wattage Typ · @5 Metre	36 W
Wattage Typ · @Max Run Length	36 W

Protection

Electrical Safety Class	III

Photometric Data

Bin Number	1
Colour Type	RGB
CRI	90
Lumen Total	158Lm
Lumens Per Metre	158 Lm/m
Lumens Per Metre (Blue)	25Lm/m
Lumens Per Metre (Red)	15Lm/m
Lumens Per Watt	22Lm/W
Lumens Per Watt (Blue)	5Lm/W
Lumens Per Watt (Green)	24Lm/W
Lumens Per Watt (Red)	3Lm/W
Lumens Per Watt (White)	48Lm/W
Luminous Intensity	48.67cd
Peak Luminous Intensity	48.67cd
SDCM	<3
Wavelength Blue	455 - 462.5

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Wavelength Green	520 - 527.5
Wavelength Red	627.5 - 620

Environment

Anti-Yellowing	Yes
Application Environment	Sauna, Steam rooms, Spa environments, Ice Room, Cold Therapy
Body Material	Silicone
Case Temperature Max · (tc)	75°C
Ingress Protection (IP)	IP67
Interior or Exterior Use	Interior or Exterior
Saltwater Resistant	Yes
Solvent Resistant	Yes
UV Resistant	Yes

Efficiency

Energy Efficiency Class	G
L70B50	50000 Hours
LM80	6000 Hours HoursHours
Rated Life	60000 Hours

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