

Technical Data Index Neon

① Domed Neon

NEON 1X



① (E.g. Domed Neon) number (120) Amount of LED per meter, SV=Side View TV=Top View DC=Dual Colour, RGB= a chip of red, green and blue colour lighting, RGBW=quad chip of red, green, blue and white colour lighting

② Neon Render

③ Product Feature Icons

④ Power consumption
Range of power consumption and current flow

⑤ Cutting interval
Indicates lengths at which LED product can be cut

⑥ Voltage
Indicates voltage

⑦ Temperature
Indicates temperature range within which LED can operate

⑧ Beam Angle
Indicates degree of light distribution

⑨ Bend radius
Indicates flexibility of LED strip

⑩ CRI
Colour rendering index: accuracy of true colour representation

⑪ Product Code

④	Power Consumption	10.92W/M - 11.52 W/M 0.45A/M - 0.48A/M
⑤	Cutting Intervals	83.34mm
⑥	Voltage	24V DC
⑦	Temperature	0 - 50°C
⑧	Beam Angle	320°
⑨	Bend Radius	min 60mm
⑩	CRI	82

COLOUR TEMPERATURE	EFFICIENCY [lm/W]	CURRENT [A/M]	WATTAGE [W/M]	PRODUCT CODE Lumen [lm/m]
				IP 68
● DOMED 2500K	27.7	0.45 A/M	11.5W	012-0541 318.62 lm
● DOMED 2700K	43.3	0.45 A/M	11.01W	012-0542 477.17 lm
● DOMED 3000K	38	0.45 A/M	11.18W	477.17 lm 425 lm
● DOMED 3500K	47.5	0.45 A/M	11.01W	012-0544 523.61 lm

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⑫ Lumen
Measures the brightness of the LED light output

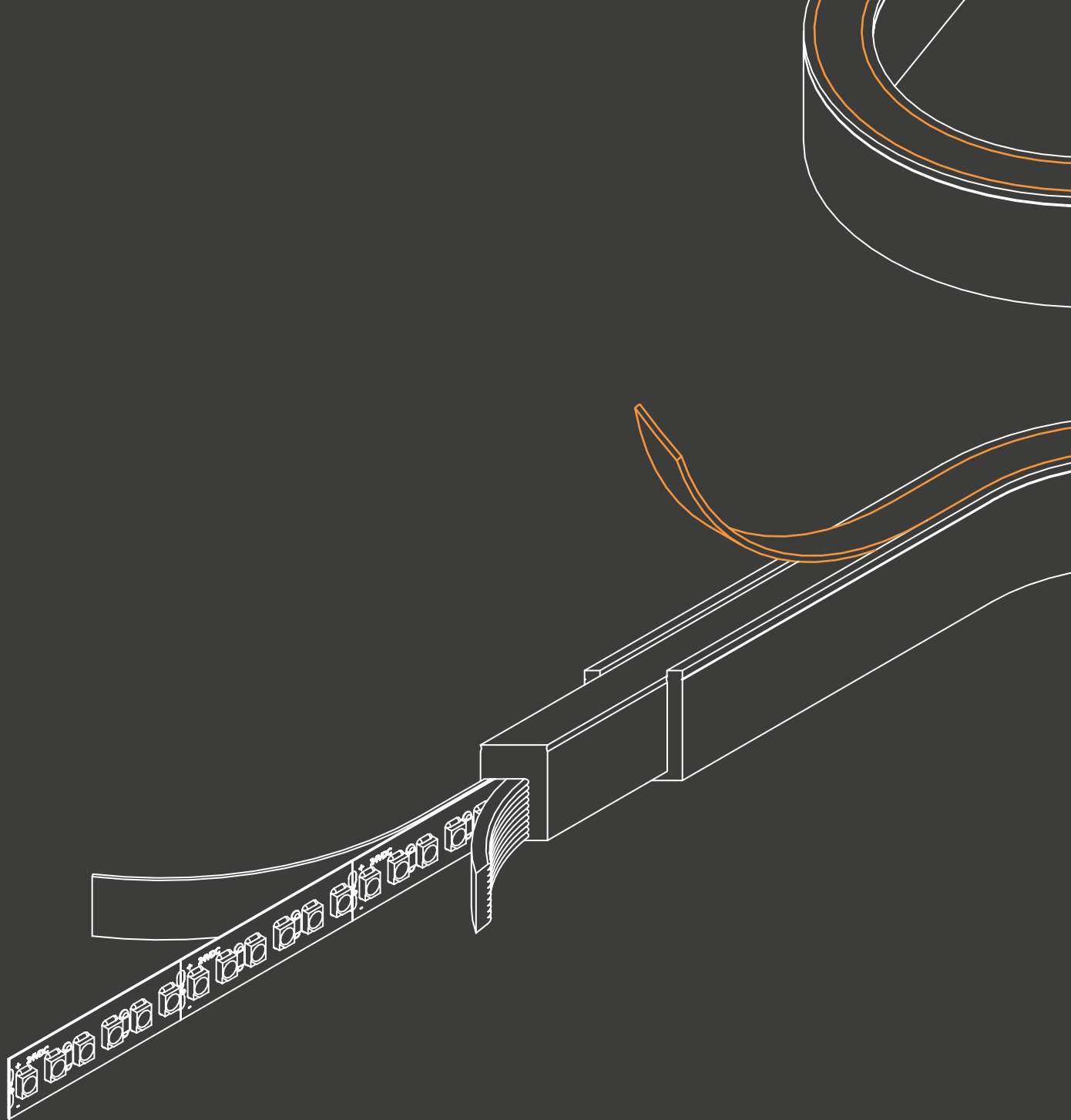
⑬ Colour temperature
Colour tint of white light, listed from warmest to coldest value

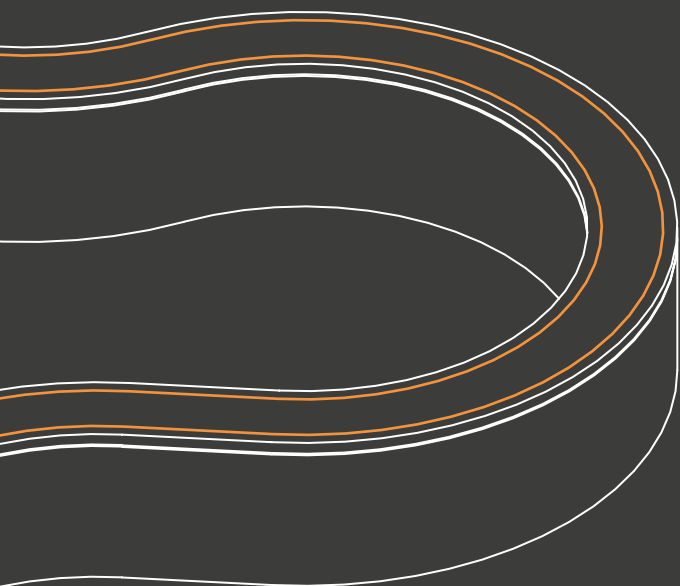
⑭ Efficiency
Measures lumen output per wattage

⑮ Current
Measures amount of current per meter powering LED

⑯ Wattage
Measures amount of energy LED is using

Mini Neon

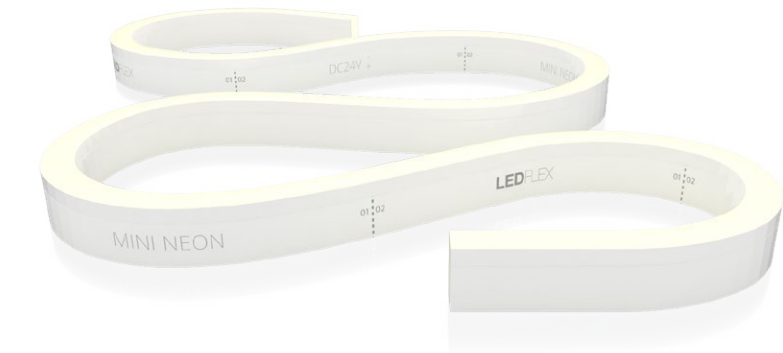




Mini Neon

The Mini Neon is the narrowest in the Neon range with a width of only 9.5mm and a depth of 18.5mm. Mini Neon's immense flexibility, continuous smooth lighting, and IP68 construction is suited to exterior applications in need of a discreet lighting source. Mini Neon Flex is ideal for decorative detail lighting.

Mini Neon



Product Features

IP 68

Warranty

UV Protection

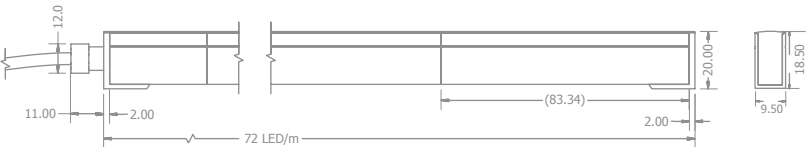
Flame Resistant

Saltwater Resistant

Solvent Resistant

IK08 Protection

Cutting Intervals



Injection moulds
pp.44

The given data reflect typical values. Due to the complex production process of the electrical components, the technical parameters of each product can vary up to 10%.

Up to 150 Lumen/m

Up to 4.75W/M

One Bin Only: 3 Step MacAdam

CRI 82

Electrical & Output Data

Power Consumption	3.5W/M - 4.75W/M 0.16A/M - 0.19A/M
Cutting Intervals	83.34mm
Voltage	24V DC
Ambient Temptrature	-20 - 45°C
Beam Angle	160°
Bend Radius	min 45mm
CRI	82

COLOUR TEMPERATURE	EFFICIENCY [lm/W]	CURRENT [A/M]	WATTAGE [W/M]	PRODUCT CODE Lumen [lm/m]
IP 68				
● MINI 2500K	27.9	0.17 A/M	4.03 W/M	012-0150 120 lm
● MINI 2700K	30.3	0.17 A/M	4.03 W/M	012-0151 128.4 lm
● MINI 3000K	31.16	0.168 A/M	4.03 W/M	012-0152 125.58 lm
● MINI 3500K	32.04	0.16 A/M	3.96 W/M	012-0153 126.91lm
● MINI 4000K	31.62	0.16 A/M	4.03 W/M	012-0154 127.45 lm
● MINI 4500K	33.05	0.19 A/M	4.56W/M	012-0155 150.73 lm
● MINI 5000K	30.85	0.16 A/M	3.91 W/M	012-0156 120.63 lm
● MINI 5700K	28.65	0.19 A/M	4.75 W/M	012-0157 136.12 lm
● MINI 6500K	24.4	0.18 A/M	4.5 W/M	012-0158 110 lm



James Cousins Company – Mini Neon

The Mini Neon was the ideal lighting choice for the Company's illuminated cube due to its stable structure and narrow body. The effective diffusion of light produces a continuous smooth line, which can be dimmed to the production's specific needs. Additionally, the secure profile mounting ensures it will remain intact during performance and, crucially, transportation.