

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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⑮

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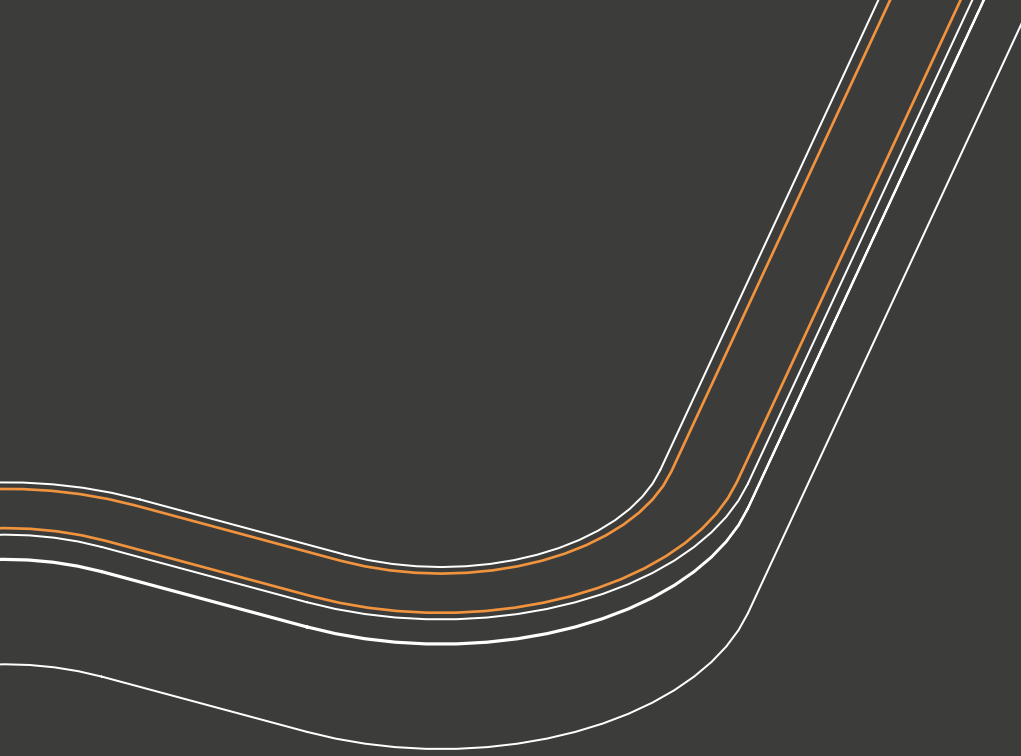
⑫ Lumen
Measures the brightness of the LED light output

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

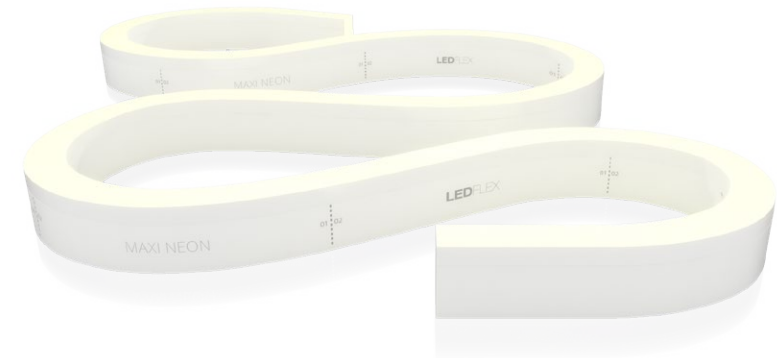
⑯ Wattage
Measures amount of energy LED is using



Maxi Neon

The Maxi Neon is a comprehensive product offering a range of colour temperatures as well as RGB, RGBW, Dual Colour and Pixel addressable versions. Maxi Neon is available as a side view bending direction product and is used in the construction of a variety of outdoor projects. Maxi Neon Flex is also IK08 rated and can be used in floor applications.

Maxi Neon



Product Features

IP 68

Warranty

UV Protection

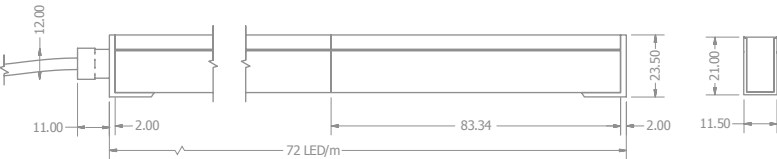
Flame Resistant

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 429 Lumen/m

Up to 11.18W/M

One Bin Only: 3 Step MacAdam

CRI 83

Electrical & Output Data

Power Consumption	10.9W/M - 11.18W/M 0.45A/M - 0.46A/M
Cutting Intervals	83.34mm
Voltage	24V DC
Ambient Temperature	-20 - 45°C
Beam Angle	160°
Bend Radius	min 60mm
CRI	83

COLOUR TEMPERATURE	EFFICIENCY [lm/W]	CURRENT [A/M]	WATTAGE [W/M]	PRODUCT CODE Lumen [lm/m]
IP 68				
● MAXI 2500K	27.57	0.46 A/M	11.13 W/M	012-1110 306.96 lm
● MAXI 2700K	33.22	0.46 A/M	11.13 W/M	012-1111 369.84 lm
● MAXI 3000K	33.25	0.45 A/M	11.04W/M	012-1112 367.19 lm
● MAXI 3500K	36.57	0.45 A/M	10.9 W/M	012-1113 398.62 lm
● MAXI 4000K	38.44	0.46 A/M	11.1W/M	012-1114 426.69 lm
● MAXI 4500K	33.5	0.46 A/M	11.1W/M	012-1115 429.03 lm
● MAXI 5000K	35.74	0.45 A/M	10.92W/M	012-1116 390.37 lm
● MAXI 5700K	34.54	0.45 A/M	10.92W/M	012-1117 377.28 lm
● MAXI 6500K	30.30	0.46 A/M	11.18W/M	012-1118 338.84 lm

Maxi Neon RGB

Up to 160 Lumen/m

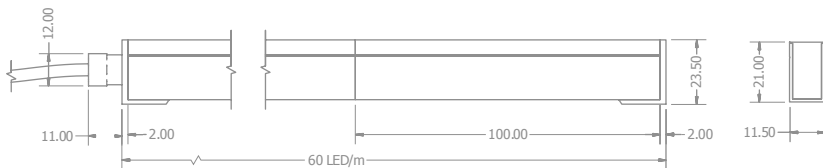
Up to 12W/M



Product Features



Cutting Intervals



Injection moulds
pp.44

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Electrical & Output Data

Power Consumption	12W/M 0.5A/M
Cutting Intervals	100mm
Voltage	24V DC
Ambient Temperature	-20 - 45°C
Beam Angle	160°
Bend Radius	min 60mm

COLOUR TEMPERATURE	EFFICIENCY [lm/W]	CURRENT [A/M]	WATTAGE [W/M]	PRODUCT CODE Lumen [lm/m]
MAXI NEON RGB	13.34	0.5A/M	12W/M	IP 68
				012-0201
				160.2 lm

Maxi Neon Pixel



Product Features



IP 68



Warranty



UV Protection



Flame Resistant



Saltwater Resistant

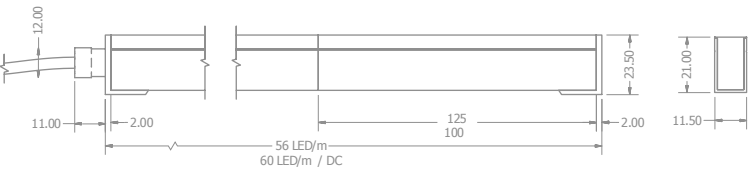


Solvent Resistant



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 364 Lumen/m

Up to 12 W/m

Electrical & Output Data

Power Consumption	10.89W/M - 12W/M 0.45A/M - 0.5A/M
Cutting Intervals	100 - 125mm
Voltage	24V DC
Ambient Temperature	-20 - 45°C
Beam Angle	160°
Bend Radius	min 60mm

COLOUR TEMPERATURE	EFFICIENCY (lm/W)	CURRENT (A/M)	WATTAGE (W/M)	PRODUCT CODE Lumen (lm/m)
IP 68				
PIXEL RGB	16.6	0.5A/M	12W/M	012-0631 200.03 lm
RGBW 2700K	20.2	0.47A/M	11.4W/M	012-0610 230.6 lm
PIXEL 3000K	20.2	0.47A/M	11.4W/M	012-0617 230.6 lm
RGBW 4000K	19.3	0.47A/M	11.3W/M	012-0612 219.2 lm
PIXEL 5700K	25	0.5A/M	12W/M	012-0618 300 lm
PIXEL DC	33.46	0.45A/M	10.89W/M	012-0619 364.47lm

Maxi Neon DC



Product Features



IP 68



5 YEAR
Warranty



UV
Protection



Flame
Resistant



Saltwater
Resistant

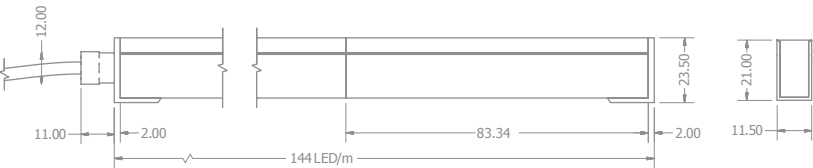


Solvent
Resistant



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 365 Lumen/m

Up to 10.89 W/m

One Bin Only: 3 Step MacAdam

CRI 83

Electrical & Output Data

Power Consumption	10.89W/M 0.45A/M
Cutting Intervals	83.34mm
Voltage	24V DC
Ambient Temperature	-20 - 45°C
Beam Angle	160°
Bend Radius	min 60mm
CRI	83

COLOUR TEMPERATURE	EFFICIENCY [lm/W]	CURRENT [A/M]	WATTAGE [W/M]	PRODUCT CODE Lumen [lm/m]
MAXI DC 2500K - 5000K	33.46	0.45A/M	10.89W/M	IP 68
				012-1102
				364.47 lm



Marriott Hotel County Hall – Maxi Neon

The designers requested a reliable yet cost-effective luminaire which could form a continuous light band to represent a circle. Inserted as the centrepiece for the champagne bar in the focal point of the lobby, the installation was inserted to complement the glistening gold mesh above. The Maxi Neon was the ideal choice as it is the workhorse of the Neon range, combining high output LED chips with a width of 11.5mm.