Technical Data Index Neon

1 Domed Neon

NEON 1X

4	Power Consumption	10.92W/M - 11.52 W/M I 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)¹	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

11 12 13 14 15 16

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

12 Lumen
Measures the brightness of the LED light output

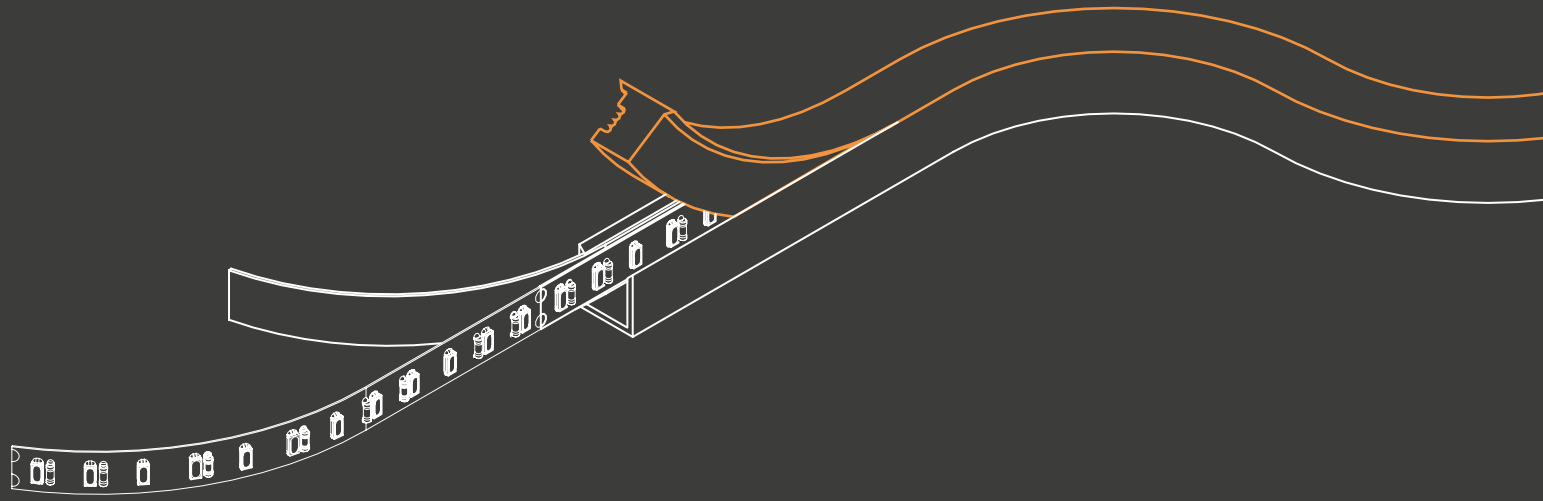
13 Colour temperature
Colour tint of white light, listed from warmest to coldest value

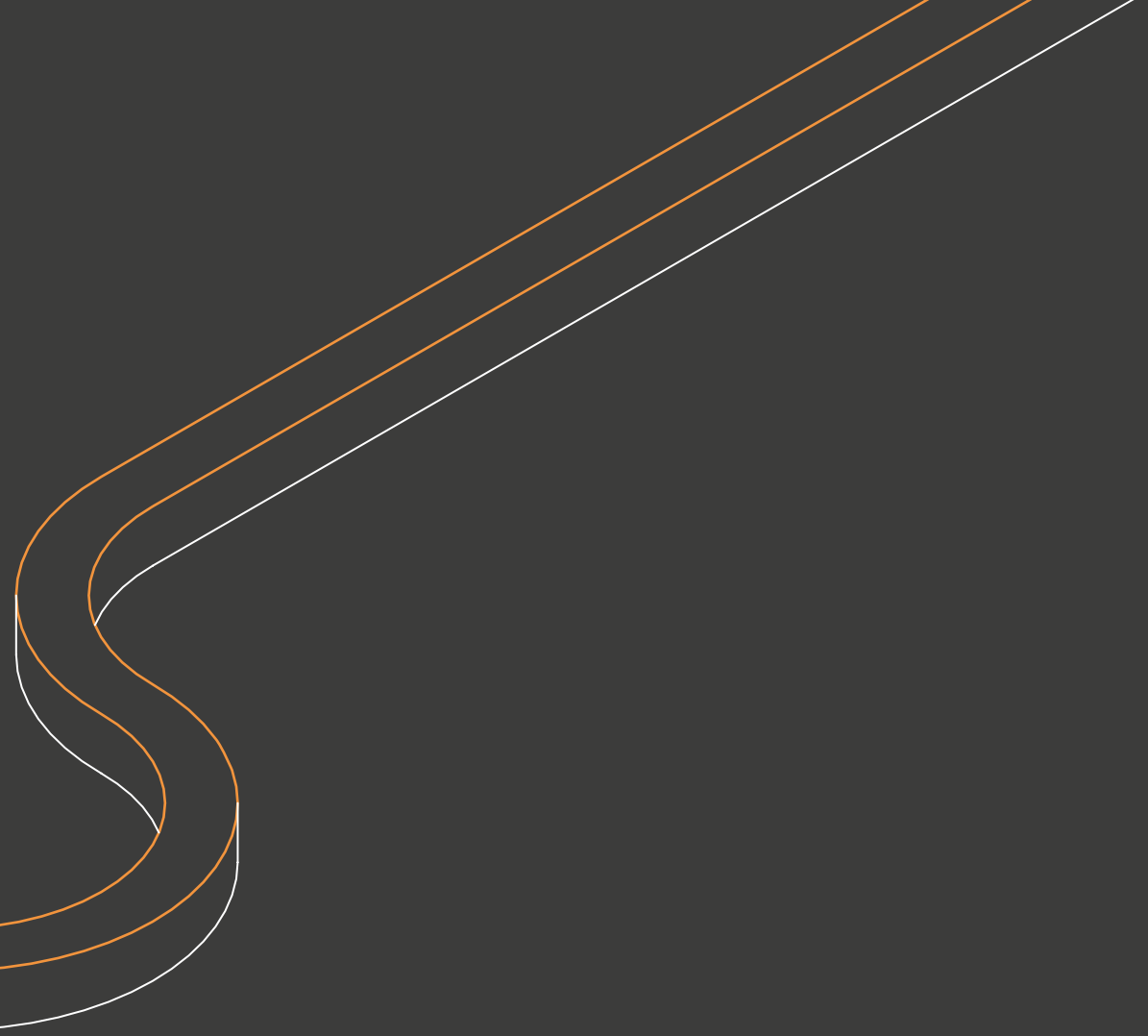
14 Efficiency
Measures lumen output per wattage

15 Current
Measures amount of current per meter powering LED

16 Wattage
Measures amount of energy LED is using

Micro Neon



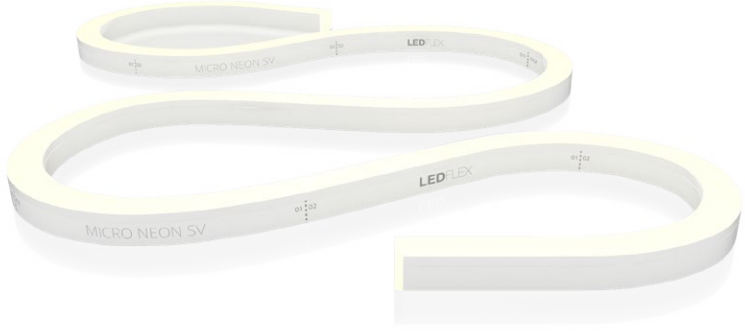


Micro Neon

Our newest addition to the Neon range is officially the smallest fixture we have ever produced. Micro Neon Flex is only 10mm by 10mm and can be installed in the harshest of environments due to its UV resistent coating. Micro Neon is available in two bending directions: Sideview and Topview, and is also available in a range of colour temperatures. Despite its size, Micro Neon does not lack in light output and is an incredibly versatile product.

Micro Neon SV

Up to 186 Lumen/m | Up to 4.5 W/M | One Bin Only: 3 Step MacAdam | CRI 83



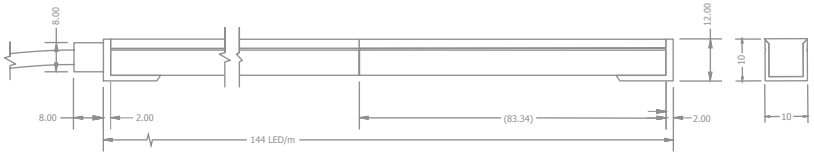
Electrical & Output Data

Power Consumption	4.05W/M - 4.5W/M I 0.16A/M - 0.18A/M
Cutting Intervals	83.34mm
Voltage	24V DC
Ambient Temprature	-20 - 45°C
Beam Angle	160°
Bend Radius	min 45mm
CRI	83

Product Features

IP 65 | Warranty | UV Protections | Flame Resistant | Saltwater Resistant | Solvent Resistant | IK08 Protection

Cutting Intervals



COLOUR TEMPERATURE	EFFICIENCY (lm/W)	CURRENT (A/M)	WATTAGE (W/M)	PRODUCT CODE Lumen (lm/m)
				IP 65
MICRO SV 2500K	46.05	0.16A/M	4.5W/M	012-2111
				186.52 lm
MICRO SV 2700K	40.48	0.18A/M	4.2W/M	012-2112
				170.83 lm
MICRO SV 3000K	31.1	0.18A/M	4.5W/M	012-2113
				171.2 lm
MICRO SV 3500K	41.13	0.17A/M	4.17W/M	012-2116
				171.55 lm
MICRO SV 4000K	40.57	0.17A/M	4.24W/M	012-2114
				172.03 lm
MICRO SV 4500K	31.1	0.18A/M	4.5W/M	012-2117
				171.5 lm
MICRO SV 5000K	39.7	0.17A/M	4.27W/M	012-2115
				169.55 lm

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%.

Micro Neon TV

Up to 324 Lumen/m | Up to 4.5 W/M | One Bin Only: 3 Step MacAdam | CRI 84

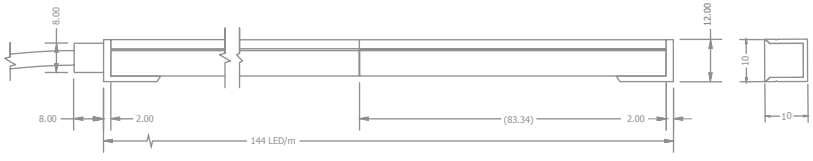
Electrical & Output Data

Power Consumption	4 W/M - 4.5W/M I 0.17A/M - 0.18A/M
Cutting Intervals	83.34mm
Voltage	24V DC
Ambient Temprature	-20 - 45°C
Beam Angle	160°
Bend Radius	min 45mm
CRI	84

Product Features

IP 65 — Warranty — UV Protections — Flame Resistant — Saltwater Resistant — Solvent Resistant — IK08 Protection

Cutting Intervals



Injection moulds
pp.44

COLOUR TEMPERATURE	EFFICIENCY (lm/W)	CURRENT (A/M)	WATTAGE (W/M)	PRODUCT CODE Lumen (lm/m)
				IP 65
MICRO TV 2500K	46.61	0.17A/M	4.05W/M	012-2101
				188.78 lm
MICRO TV 2700K	43.7	0.17A/M	4.2W/M	012-2102
				183.54 lm
MICRO TV 3000K	55.87	0.17A/M	4W/M	012-2103
				184.2 lm
MICRO TV 3500K	44.2	0.17A/M	4.2W/M	012-2106
				185.95 lm
MICRO TV 4000K	44.8	0.18A/M	4.27W/M	012-2104
				191.36 lm
MICRO TV 4500K	31.1	0.18A/M	4.5W/M	012-2107
				189.36 lm
MICRO TV 5000K	41.86	0.18A/M	4.22W/M	012-2105
				176.67 lm

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%.