

ULTRA RUN 10W SINGLE COLOUR TOP BEND

# NEON 1010

IP67

Single  
Binning

LM  
80

CRI  
92+

5  
Year

TM66  
ASSESSED

Flame  
Resistant

IK10

Saltwater  
Resistant

UV  
Protection

Solvent  
Resistant

Dust Proof

## DESCRIPTION

Our Single Colour Top Bend LED NEON FLEX 1010 is crafted from Dow Chemical SILASTIC™ ET-7021 silicone rubber, offering exceptional transparency and strength. Manufactured using an integrated extrusion moulding process with environmental protection grade silicone, this product features a unique optical light distribution design for a uniform, shadow-free lighting surface. We use a matt finish that is anti-dust and more robust against UV exposure, ensuring long-lasting performance and maintaining a clean, high-quality appearance over time.

## PRODUCT SPECIFICATION

Product Code	NT1010C3
Dimensions	W: 10mm, H: 10mm
Cutting Interval	50mm
Bend Direction	Top Bend
Minimum Bend Radius	≥75mm
Colour Temperature <sup>1</sup>	2700K, 3000K, 4000K, + More
Bin/step	Single Bin / 3SDCM
Lifetime	≥50,000 hours
Environment Ta	-25°C to 55°C
IP Rating	IP67
Mounting <sup>2</sup>	Clips and Profile
Connection <sup>1</sup>	Injection Moulds
Certifications	UL, CE, RoHS

## PERFORMANCE DATA

Power Consumption	10W/m
Supply Voltage	24V DC
Lumens/Metre <sup>1</sup>	831-885 Lm/m
Lumen Efficiency <sup>1</sup>	83.1-88.5 Lm/m
L70	161,000 hours
L80	102,000 hours
Max Length	14,000mm
Beam Angle	120°
CRI	92+
Dimmable	Yes

<sup>1</sup> See Page 2 for further information. More custom colour temperatures are available upon request.

<sup>2</sup> See Page 3 for further information.



UK BESPOKE MACHINE INJECTION MOULDING

Our factory-sealed ends ensure an ultra durable, waterproof and seamless installation

FIND OUT MORE



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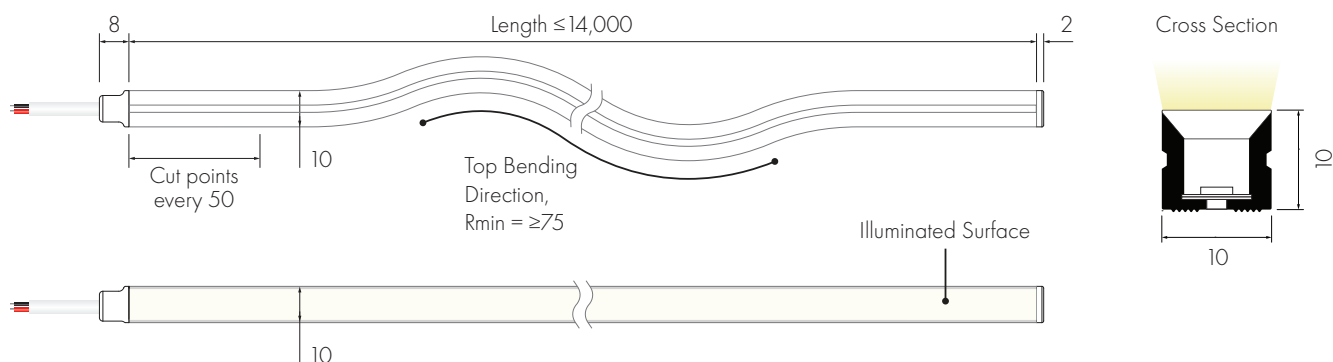


## SINGLE COLOUR TEMPERATURE DATA

CCT (K)	CRI	Voltage	Power (W/m)	Lumen (Lm/m)	Efficiency (Lm/W)	Unit Length (mm)	Max. Run Length (M)
2700K	92+	DC24V	10	831	83.1	50	14
3000K	92+	DC24V	10	868	86.8	50	14
4000K	92+	DC24V	10	885	88.5	50	14

The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

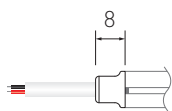
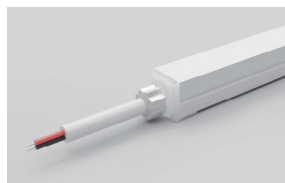
## DIMENSIONS [mm]



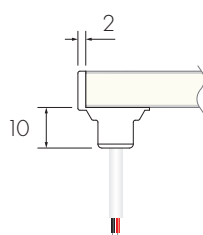
Shown with **FF** Front Feed and **EE** End Injection Moulds

## CABLE FEED/END TYPES

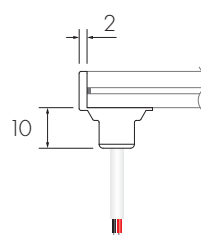
**FF/EF** Front Injection Mould



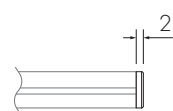
**FL/FR/EL/ER** Side Injection Mould



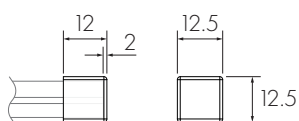
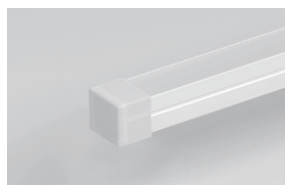
**FB/EB** Bottom Injection Mould



**EE** End Injection Mould



**EES** End Silicone Cap



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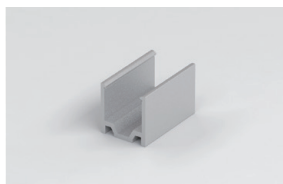


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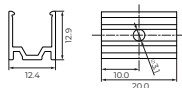


## MOUNTING OPTIONS

*Lightweight & Durable*  
**MC1010-8** Aluminium Clips



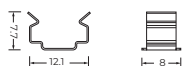
1 Clip supplied with M3 fixing screws  
4 Clips recommended per metre



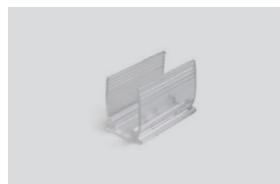
*Robust & Long-lasting*  
**MC1010-SS** Stainless Steel Clips



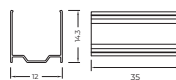
1 Clip supplied with M3 fixing screws  
4 Clips recommended per metre



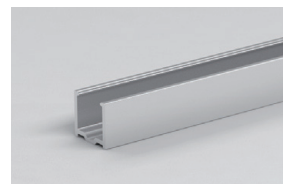
*Discreet & Moisture Proof*  
**MC1010-CL** Transparent Clips



1 Clip supplied with M3 fixing screws  
4 Clips recommended per metre



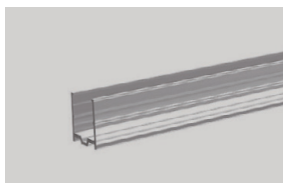
*Lightweight & Durable*  
**MP1010-81M** Aluminium Profile



Supplied with M3 fixing screws  
1 metre length



*Discreet & Moisture Proof*  
**MP1010-CL1M** Transparent Plastic Profile



Supplied with M3 fixing screws  
1 metre length



*Adaptive Mounting*  
**FP1010-81M** Flexible Surface Profile



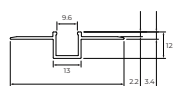
Supplied with M3 fixing screws  
1 metre length



*Adaptive & Flush*  
**PPF1010-81M** Flexible Plaster In



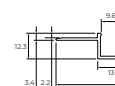
Supplied with M3 fixing screws  
1 metre length



*Edge Integration*  
**SPFP1010-81M** One Sided Flexible Plaster In



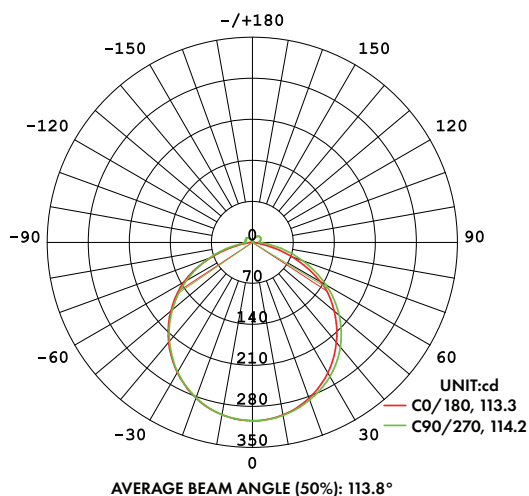
Supplied with M3 fixing screws  
1 metre length



## CABLE OPTIONS

Cable Type	Diagram	Specification	Core	Electrical Properties
White Silicone Cable		Outer Ø6.0mm/Inner cores 2 x 0.5mm <sup>2</sup>		Red V+, Black V-
Black Silicone Cable		Outer Ø6.0mm/Inner cores 2 x 0.5mm <sup>2</sup>		Red V+, Black V-

## LIGHT DISTRIBUTION CURVE



The given data is based on 24V, 10W/M, single colour with 4000k colour temperature.  
If you need IES files for other types please contact our sales department.

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## NEON CUSTOMISATION

Follow the steps below, using our Customisation Sheet, to build your custom Neon product

[GO TO CUSTOMISATION SHEET](#) →

1

Confirm Nominal Code and select the required colour temperature

Nominal Code

**NT1010C3 -**

Neon Top Bend 10x10mm  
Single Colour CC 10W

Colour Temperature

**G**

- **G** 2700K
- **C** 3000K
- **N** 4000K + More colour temperatures are available upon request

2

Choose the Product Length

Product Length

**50mm**

Customised in increments set by the specified product cut points

Please note that the finished length will be effected by Feed/End Type and specified tolerances

3

Choose Feed Type options

Feed Type

**FF**

- FF** Front IP67
- FB** Bottom IP67
- FL** Left Side IP67
- FR** Right Side IP67

Feed Cable Length

**1m**

Customised in 1m increments

Feed Cable Colour

**FNR2C-0**

- **FNR2C-0** Feed White Silicone Cable
- **FNR2C-1** Feed Black Silicone Cable

4

Choose End Type options

End Type

**EE**

- EE** End IP67
- EES** End Silicone Cap IP67
- EF** Front IP67
- EB** Bottom IP67
- EL** Left Side IP67
- ER** Right Side IP67

End Cable Length

**-**

Customised in 1m increments

End Cable Colour

**-**

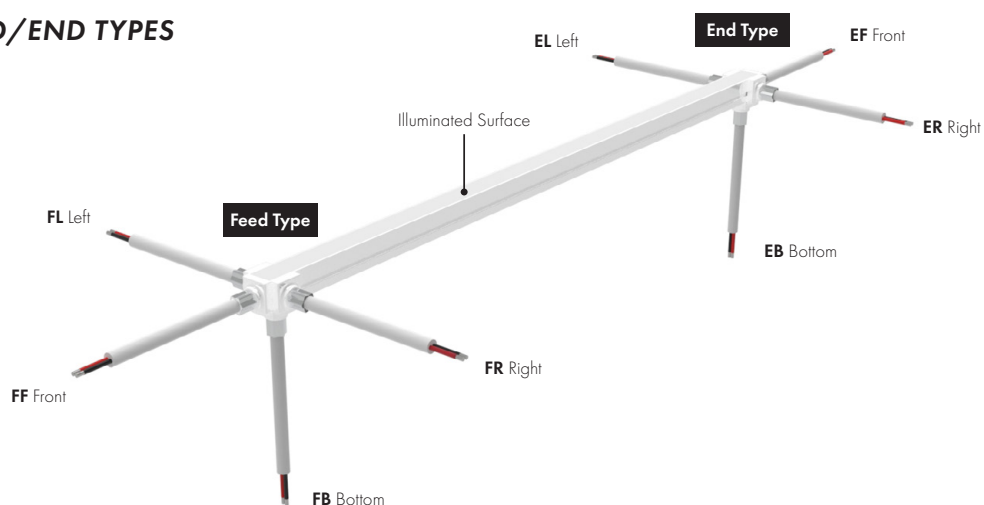
- **ENR2C-0** End White Silicone Cable
- **ENR2C-1** End Black Silicone Cable

+

Add required Mounting options

If additional Joined Lengths are required then repeat steps 3 and 4

## DEFINING FEED/END TYPES



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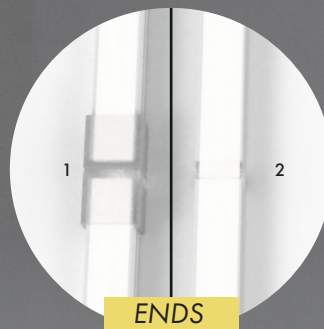


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# INJECTION MOULDS

Our injection moulded ends provide a seamless, waterproof, and ultra-durable solution for a superior lighting solution. Whether for architectural, commercial, or outdoor lighting applications, our factory-sealed ends ensure flawless performance, easy installation, and a professional finish—*expertly manufactured at our UK factory.*



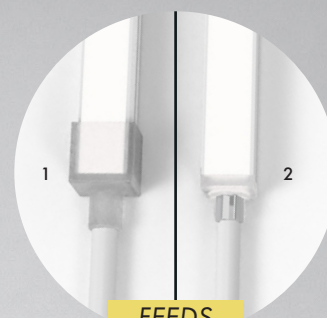
- 1 SILICONE CAP vs  
2 INJECTION MOULD

Create a seamless finish at the end of runs and when butting two lengths together.

ENDS

- 1 SILICONE CAP vs  
2 INJECTION MOULD

Uniform section dimensions for effortless installation.



FEEDS

## DURABILITY & PROTECTION

Injection moulded entries ensure a robust seal, preventing water ingress, dust contamination, and moisture via capillary action for long lasting protection.

## AESTHETICS & FINISH

Injection moulded entries provide a seamless, professional finish, avoiding visible seams guaranteeing a consistent appearance across all installations.

## EFFORTLESS INSTALLATION

With uniform section dimensions and no bulky connectors or uneven fittings, injection moulded ends make installation smooth, clean, and hassle-free.

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