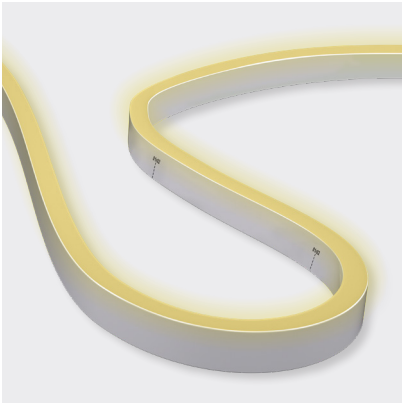


# NEON EDGE

WHITE | HIGH TEMPERATURE



Neon is a broad range of silicone encapsulated LED ribbons with a variety of light emissions and casings that closely reference glass neon tube.

Neon Edge is a sleek W11.5 x H21mm horizontal bending model, perfect for recessing to create a flush surface.

This 6W/m option is a silicone model designed for sauna and steam room usage with white colour temperature options from 2200 – 5700K.

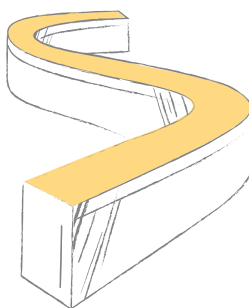
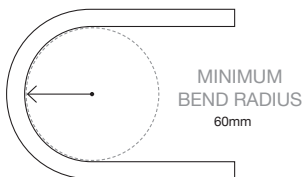
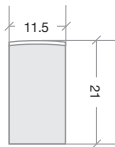
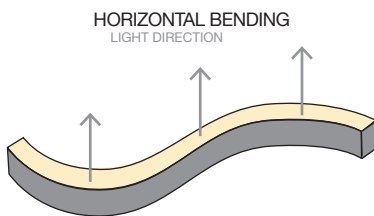
Neon is made to order, check with our team for lead times.

## APPLICATIONS

- High Temperature Applications
- Steam rooms

## FEATURES

- The High Temperature model allows for a higher operating temperature range than standard Neon products



| CODE           | COLOUR                       | LUMENS   |
|----------------|------------------------------|----------|
| BL-LS-4070S-27 | WARM WHITE 2700K +/- 110K    | ≥180lm/m |
| BL-LS-4070S-30 | WARM WHITE 3000K +/- 150K    | ≥200lm/m |
| BL-LS-4070S-40 | NATURAL WHITE 4000K +/- 175K | ≥200lm/m |
| BL-LS-4070S-57 | COOL WHITE 5700K +/- 335K    | ≥200lm/m |

ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%. SOLD BY THE METRE. IES FILES AVAILABLE. 2200K & 3500K AVAILABLE BY REQUEST.

| POWER & TEMP                  |                            | PHYSICAL PARAMETERS & CONTROL |   |
|-------------------------------|----------------------------|-------------------------------|---|
| LED WATTS                     | 6W/m                       | MINIMUM BEND RADIUS           | 60mm  |
| INPUT VOLTS                   | 24V DC<br>Constant voltage | BEND DIRECTION                | Horizontal bending  |
| OPERATING TEMP. (ENVIRONMENT) | -40°C ~ +90°C              | DIMENSIONS                    | W11.5 x H21mm   |
| MAX. RUN PER POWER FEED       | 10 metres                  | INGRESS PROTECTION            | IP67 Slimline injection moulding connections<br><i>Dimensions of connectors shown on installation guide</i> |
| LIGHT & LIFE                  |                            | CUTTING LENGTH                | 83.3mm  |
| CRI                           | ≥80                        | HOUSING                       | UV & flame resistant white silicone with opal diffuser  |
| BEAM ANGLE                    | 160°                       | MOUNTING                      | Profile / clips available<br><i>SEE PAGE 3.</i>   |
| LED PER METRE                 | 72                         | CONTROL                       | Dimmable by PWM signal  |
| SOURCE LIFE                   | 50,000 hours               |                               |   |
| WARRANTY                      | 3 years                    |                               |   |

DON'T SEE THE OPTION FOR YOU?  
LET US KNOW WHAT YOU ARE LOOKING FOR  
AND WE'LL SEE WHAT WE CAN DO!

## NEON EDGE | HIGH TEMPERATURE | CONNECTIONS

Neon products are IP rated based on the fitted connections (power feed / end caps).

Bright Light recommend using Slimline injection moulding for the best result, a clean finish and IP68 rating. These are fitted at factory during the production process and can not be altered once produced - **ensure all lengths are double-checked before ordering.**

Power feed connectors are priced & supplied with 1metre cable as standard. Please specific at time of quoting if alternate lengths are required.

### SLIMLINE INJECTION MOULDING CONNECTIONS | IP67

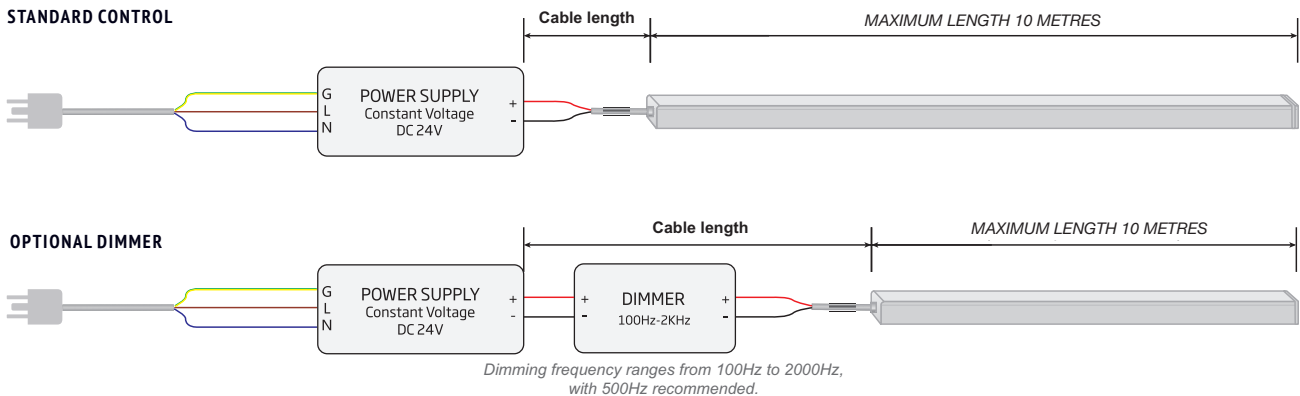


REQUIRES FITTING AT FACTORY.  
EXACT LENGTH REQUIRED BEFORE PRODUCTION



## NEON EDGE | HIGH TEMPERATURE | 6W/M WIRING

TO AVOID SIGNAL FADING, ENSURE THE OVERALL CABLE LENGTH IS WITHIN THE MAXIMUM SIGNAL TRANSMISSION DISTANCE ACCORDING TO THE SPECIFICATION OF CONTROLLER/DECODER



**CABLE LENGTH** (The length of electrical cable between power output end and light input end, including any cables for interconnection)

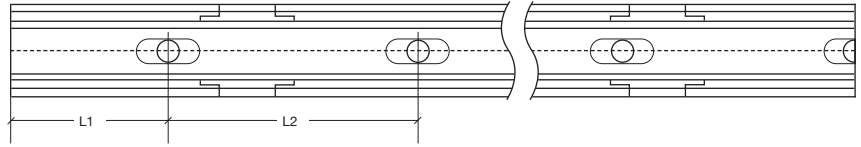
REFER TO CHART WHERE ADDITIONAL CABLE IS REQUIRED TO ACCESS POWER ON-SITE. CHART SHOWS MAXIMUM CABLE LENGTHS FOR DIFFERENT WIRE GAUGES (TO AVOID VOLTAGE DROP).

| LIGHT LENGTH (METRES) | MAX CABLE LENGTH SILICONE (METRES) |                              |                              |                              |                              |
|-----------------------|------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|                       | 0.32mm <sup>2</sup><br>22AWG       | 0.52mm <sup>2</sup><br>20AWG | 0.81mm <sup>2</sup><br>18AWG | 1.32mm <sup>2</sup><br>16AWG | 2.07mm <sup>2</sup><br>14AWG |
| 1                     | 76.0                               | 123.5                        | 192.5                        | 314.0                        | 492.0                        |
| 2                     | 38.0                               | 61.5                         | 96.5                         | 157.0                        | 246.0                        |
| 3                     | 25.0                               | 40.5                         | 63.0                         | 103.0                        | 161.0                        |
| 4                     | 18.5                               | 30.0                         | 47.0                         | 76.5                         | 120.0                        |
| 5                     | 15                                 | 24.0                         | 37.5                         | 61.5                         | 96.5                         |
| 6                     | 12.5                               | 20.0                         | 31.5                         | 51.5                         | 80.5                         |
| 7                     | 10.5                               | 17.0                         | 27.0                         | 44.0                         | 69.0                         |
| 8                     | 9.0                                | 15.0                         | 23.5                         | 38.5                         | 60.5                         |
| 9                     | 8.0                                | 13.5                         | 21.0                         | 34.0                         | 53.5                         |
| 10                    | 7.5                                | 12.0                         | 19.0                         | 31.0                         | 48.5                         |

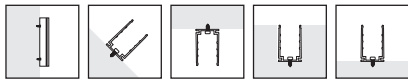
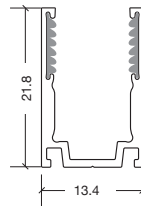
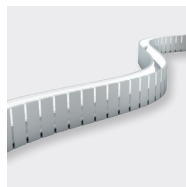
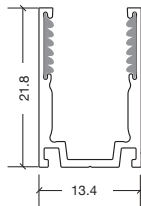
### INSTALLATION WARNINGS

- Keep at least 80cm away from the steam outlet or heat source area.
- Do not place in an enclosed space, as air circulation is needed.
- Do not touch metal components directly to prevent burns.

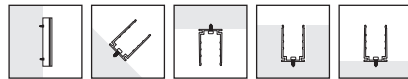
NEON EDGE | HIGH TEMPERATURE | MOUNTING ACCESSORIES



| CODE       | ACCESSORY                                   | L1      | L2     | HOLE DIMENSIONS | HOLE NUMBER |
|------------|---|---------|--------|-----------------|-------------|
| BL-LS-4065 | SERRATED ALUMINIUM CLIP 20MM                | 10mm    | -      | 4 × 10mm        | 1           |
| BL-LS-4063 | SERRATED ALUMINIUM PROFILE 1 METRE          | 100mm   | 200mm  | 4 × 10mm        | 5           |
| BL-LS-4064 | SERRATED ALUMINIUM PROFILE 2 METRES         | 100mm   | 200mm  | 4 × 10mm        | 10          |
| BL-LS-4066 | BENDABLE SERRATED ALUMINIUM PROFILE 1 METRE | 116.5mm | 98.8mm | Ø4.2mm          | 10          |



SERRATED ALUMINIUM  
PROFILE 2M & MOUNTING CLIP



BENDABLE SERRATED  
ALUMINIUM PROFILE 1M