

# NEON CLASSIC

DIM TO WARM | SILICONE



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 Classic is a perfect replacement for traditional glass neon tube with dimensions of W16.5 x H29mm (W11.5mm at the base) model.

Dim to Warm allows the lighting to warm up as the light is dimmed, creating a cozy feel that is perfect for evenings. It provides 3000K lighting at full brightness, slowly reducing to a warm 1800K before dimming completely.

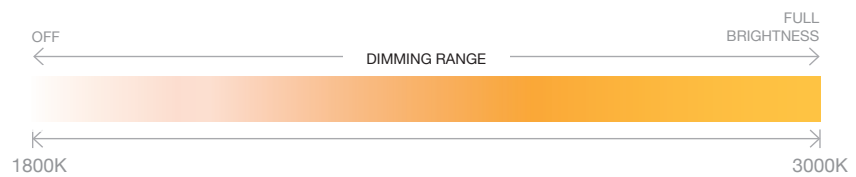
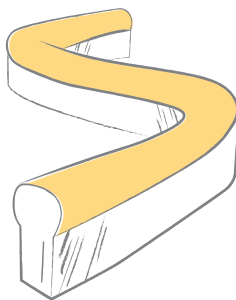
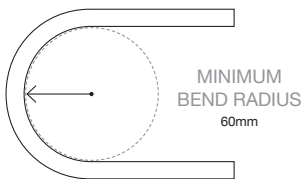
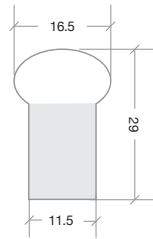
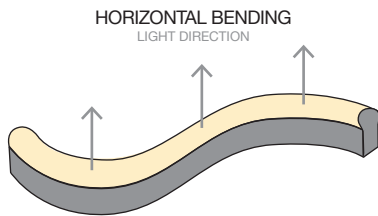
Neon is made to order, check with our team for lead times.

## APPLICATIONS

- Cove lighting, handrails, or toekicks
- Architectural features
- Exterior or interior installations
- Swimming or feature pools

## FEATURES

- A perfect replacement for traditional glass neon tube



CODE	COLOUR	LUMENS
BL-LS-4580S-DTW	EXTRA WARM WHITE 1800K +/- 100K	2lm/m
	WARM WHITE 3000K +/- 220K	440lm/m

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

## POWER & TEMP

LED WATTS	12W/m
INPUT VOLTS	24V DC Constant voltage
OPERATING TEMP. (ENVIRONMENT)	-40°C ~ +55°C
MAX. RUN PER POWER FEED	15m using one feed 30m using two feeds

## LIGHT & LIFE

CRI	≥80 (1800K) ≥90 (3000K)
BEAM ANGLE	180°
LED PER METRE	144
SOURCE LIFE	50,000 hours

WARRANTY 5 years

## PHYSICAL PARAMETERS & CONTROL

MINIMUM BEND RADIUS	60mm
BEND DIRECTION	Horizontal bending
DIMENSIONS	W16.5 x H29mm (W11.5mm at the base)
INGRESS PROTECTION	IP67 or IP68 Protection established by use of connectors. <i>Dimensions of connectors shown on installation guide</i> SEE PAGE 2.
CUTTING LENGTH	83.3mm
HOUSING	UV & flame resistant white silicone with opal diffuser
MOUNTING	Profile / clips available SEE PAGE 3.
CONTROL	Dimmable by PWM signal

## NEON CLASSIC | DIM TO WARM | 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.**

If on-site cutting is required (due to lengths being unknown in advance or site design alterations), Snap connector fittings can be used instead. Snap Connectors can be fitted on-site and offer an IP67 rating (provided all installation instructions are followed correctly).

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 | IP68

RECOMMENDED



REQUIRES FITTING AT FACTORY.  
EXACT LENGTH REQUIRED BEFORE PRODUCTION



SIDE FEED



BOTTOM FEED



TOP END FEED



END CAP



300MM FLEXIBLE  
CONNECTOR



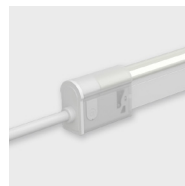
T FEED

### SNAP CONNECTIONS | IP67

ON-SITE FITTING



FITTING ON-SITE - WHERE LENGTHS ARE UNKNOWN IN ADVANCE.  
MUST BE FITTED CORRECTLY FOR IP RATING



TOP END FEED

01

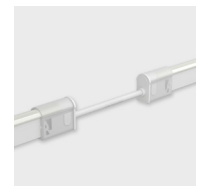
02



END CAP

01

02



300MM FLEXIBLE  
CONNECTOR

WHITE / DIM TO WARM

BL-LS-4514

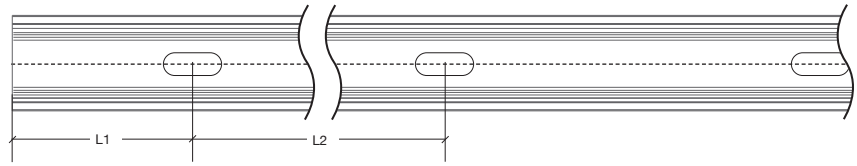
BL-LS-4515

BL-LS-4526

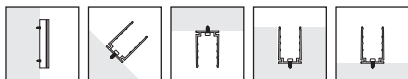
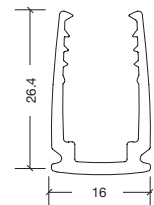
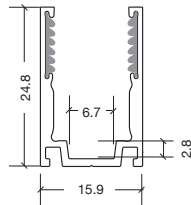
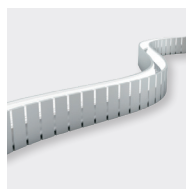
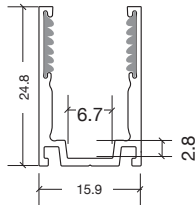
BL-LS-4527

BL-LS-4516

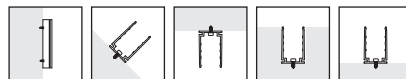
NEON CLASSIC | MOUNTING ACCESSORIES



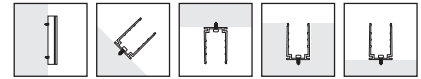
CODE	ACCESSORY	L1	L2	HOLE DIMENSIONS	HOLE NUMBER
BL-LS-4082	SERRATED ALUMINIUM CLIP 20MM	10mm	-	4 × 10mm	1
BL-LS-4080	SERRATED ALUMINIUM PROFILE 1 METRE	100mm	200mm	4 × 10mm	5
BL-LS-4081	SERRATED ALUMINIUM PROFILE 2 METRES	100mm	200mm	4 × 10mm	10
BL-LS-4083	BENDABLE SERRATED ALUMINIUM PROFILE 1000MM	116.5mm	98.8mm	Ø4.2mm	10
BL-LS-4084	THICKENED PLASTIC CLIP 35MM	17.5mm	-	4.5 × 8mm	1
BL-LS-4085	THICKENED PLASTIC PROFILE 1 METRE	100mm	200mm	4.5 × 8mm	5
BL-LS-4086	THICKENED PLASTIC PROFILE 2 METRE	100mm	200mm	4.5 × 8mm	10



SERRATED ALUMINIUM  
PROFILE 2M & MOUNTING CLIP



BENDABLE SERRATED  
ALUMINIUM PROFILE 1M



THICKENED PLASTIC  
PROFILE & CLIP