



NEON ARC | 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 Arc is a square W16 × H17mm, vertical bending model perfect for cove lighting, or architectural features in exterior and interior applications.

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.

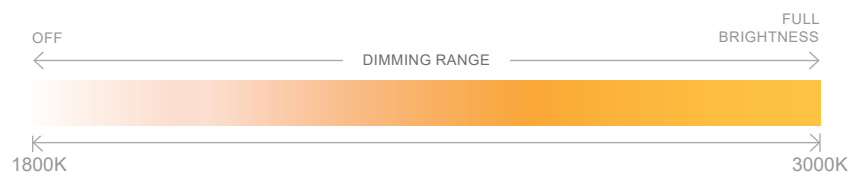
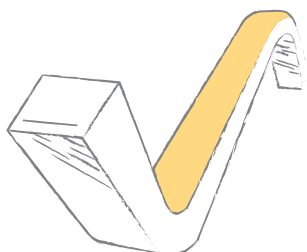
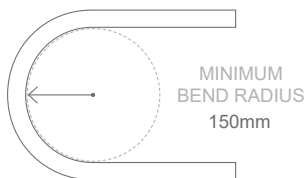
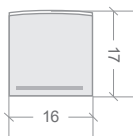
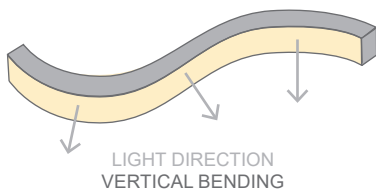
Neon is made to order, check with our team for lead times.

APPLICATIONS

- Cove lighting, handrails, or toe-kicks
- Architectural features
- Exterior or interior installations
- Feature pools

FEATURES

- Neon Arc can be curved in the opposite direction of the other neon products



CODE	COLOUR	LUMENS
BL-LS-4800S-DTW	EXTRA WARM WHITE 1800K +/- 100K	3lm/m
	WARM WHITE 3000K +/- 220K	600lm/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	160°
LED PER METRE	192
SOURCE LIFE	50,000 hours

WARRANTY 5 years

PHYSICAL PARAMETERS & CONTROL

MINIMUM BEND RADIUS	150mm
BEND DIRECTION	Vertical bending
DIMENSIONS	W16 × H17mm
INGRESS PROTECTION	IP67 or IP68 Protection established by use of connectors. <i>Dimensions of connectors shown on installation guide</i>
CUTTING LENGTH	62.5mm
HOUSING	UV & flame resistant white silicone with opal diffuser
MOUNTING	Profile / clips available <i>SEE PAGE 3.</i>
CONTROL	Dimmable by PWM signal

NEON ARC | 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



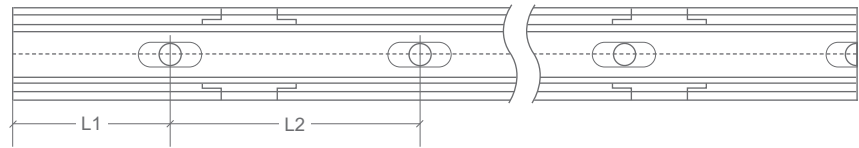
TOP END FEED END CAP 300MM FLEXIBLE CONNECTOR

01 02

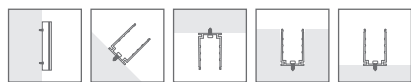
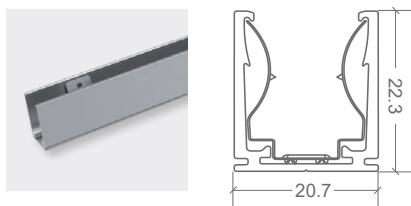
WHITE / DIM TO WARM

BL-LS-4808 BL-LS-4809 BL-LS-4811 BL-LS-4810

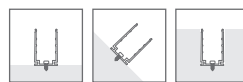
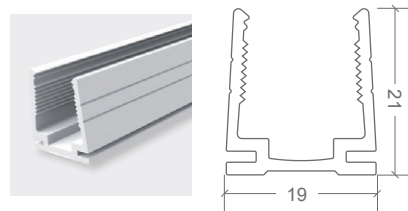
NEON ARC | MOUNTING ACCESSORIES



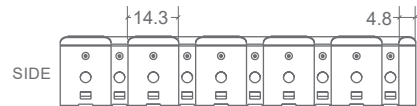
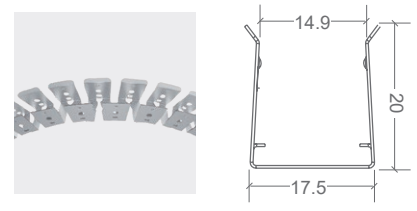
CODE	ACCESSORY	L1	L2	HOLE DIMENSIONS	HOLE NUMBER
BL-LS-4803	SELF-LOCKING ALUMINIUM PROFILE 2m	100mm	200mm	4 × 10mm	10
BL-LS-4804	PLASTIC PROFILE 2m	100mm	200mm	Ø3.5mm	10
BL-LS-4805	PLASTIC PROFILE 1m	100mm	200mm	Ø3.5mm	5
BL-LS-4813	BENDABLE STAINLESS STEEL PROFILE 890MM <i>MULTIPLE FIXING LOCATIONS</i>	-	-	-	-
BL-LS-4814	HYBRID PROFILE 2m	100mm	200mm	4 × 10mm	10
BL-LS-4817	SERRATED ALUMINIUM CLIP 20MM	10mm	-	4 × 10mm	1



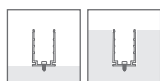
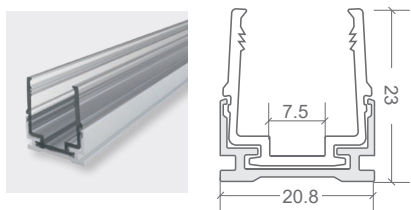
SELF-LOCKING ALUMINIUM PROFILE 2M



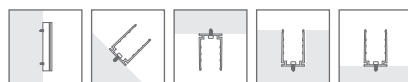
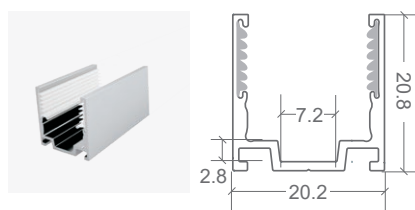
PLASTIC PROFILE



BENDABLE STAINLESS STEEL PROFILE 890MM



HYBRID PROFILE 2M



SERRATED ALUMINIUM 20MM MOUNTING CLIP