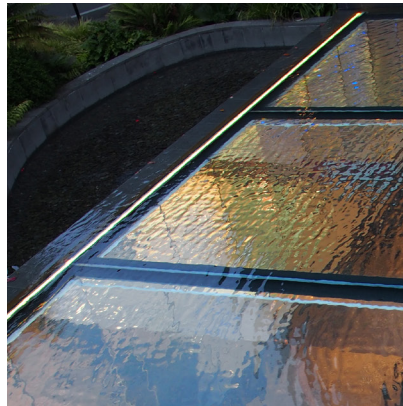


NEON ARC

WHITE | SILICONE

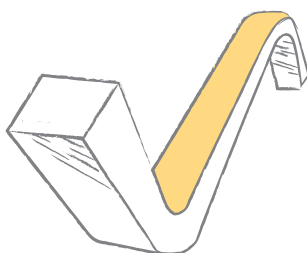
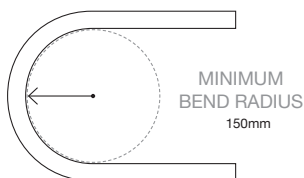
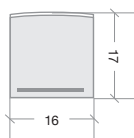
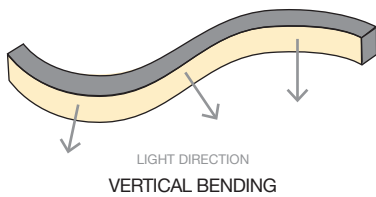


USE OF IP68 CONNECTORS FOR SUBMERGED WATER FEATURE INSTALLATION

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 x H17mm, vertical bending model perfect for cove lighting, or architectural features in exterior and interior applications.

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



APPLICATIONS

- Theatres, bars, restaurants, & retail
- Cove lighting
- Architectural features
- Exterior or interior installations
- Swimming or feature pools

FEATURES

- Neon Arc can be curved in the opposite direction of the other neon products
- UV & flame resistant
- 6W/m option available for use in saunas or steam rooms

CODE	COLOUR	LUMENS
BL-LS-4800S-27	WARM WHITE 2700K +/- 110K	≥565lm/m
BL-LS-4800S-30	WARM WHITE 3000K +/- 150K	≥565lm/m
BL-LS-4800S-40	NATURAL WHITE 4000K +/- 175K	≥580lm/m
BL-LS-4800S-57	COOL WHITE 5700K +/- 335K	≥580lm/m

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

POWER & TEMP

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

LIGHT & LIFE

CRI	≥80
BEAM ANGLE	160°
LED PER METRE	108
SOURCE LIFE	50,000 hours
WARRANTY	5 years

PHYSICAL PARAMETERS & CONTROL

MINIMUM BEND RADIUS	150mm
BEND DIRECTION	Vertical bending
DIMENSIONS	W16 x H17mm
INGRESS PROTECTION	IP67 or IP68 Protection established by use of connectors. Dimensions of connectors shown on installation guide
CUTTING LENGTH	55.6mm
HOUSING	UV & flame resistant white silicone with opal diffuser
MOUNTING	Profile / clips available SEE PAGE 3.
CONTROL	Dimmable by PWM signal

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

NEON ARC | WHITE | CONNECTIONS

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

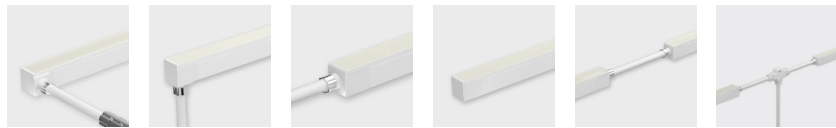
Bright Light recommend using Slimline injection moulding for the best result, a clean finish and IP68 rating. These are fitted at factory during the production process and can not be altered once produced - **ensure all lengths are double-checked before ordering.**

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

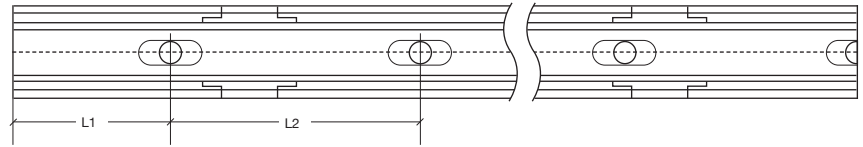
BL-LS-4808

BL-LS-4809

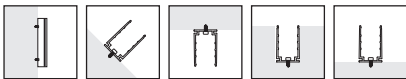
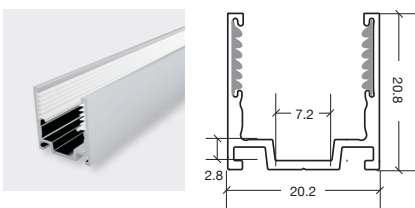
BL-LS-4811

BL-LS-4810

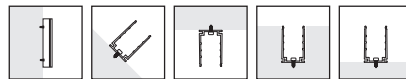
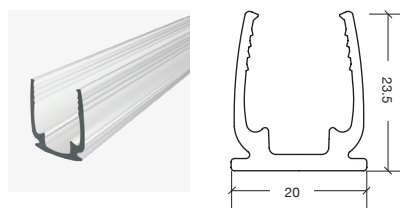
NEON ARC | MOUNTING ACCESSORIES



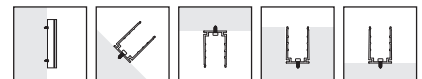
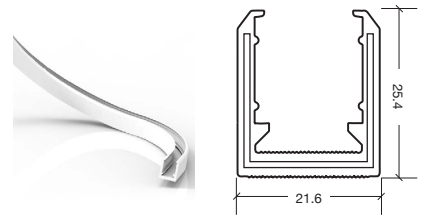
CODE	ACCESSORY	L1	L2	HOLE DIMENSIONS	HOLE NUMBER
BL-LS-4815	SERRATED ALUMINIUM PROFILE 1M	100mm	200mm	4 × 10mm	5
BL-LS-4816	SERRATED ALUMINIUM PROFILE 2M	100mm	200mm	4 × 10mm	10
BL-LS-4817	SERRATED ALUMINIUM CLIP 20MM	10mm	-	4 × 10mm	1
BL-LS-4818	THICKENED PLASTIC CLIP 35MM	17.5mm	-	4.5 × 8mm	1
BL-LS-4819	THICKENED PLASTIC PROFILE 1 METRE	100mm	200mm	4.5 × 8mm	5
BL-LS-4820	THICKENED PLASTIC PROFILE 2 METRE	100mm	200mm	4.5 × 8mm	10
BL-LS-4821W	ANOLE BENDABLE PROFILE WHITE 1 METRE	100mm	200mm	3mm	5
BL-LS-4821B	ANOLE BENDABLE PROFILE BLACK 1 METRE	100mm	200mm	3mm	5



SERRATED ALUMINIUM
PROFILE & MOUNTING CLIP



THICKENED PLASTIC
PROFILE & CLIP



ANOLE BENDABLE PROFILE