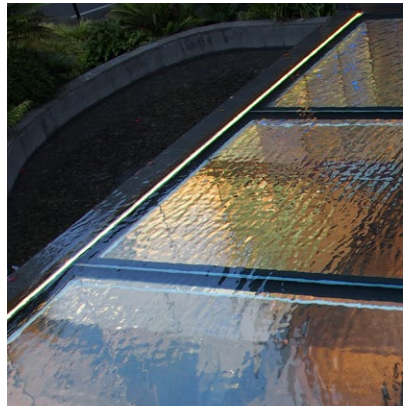




## NEON ARC | WHITE | SILICONE



USE OF IP68 CONNECTORS FOR SUBMERGED WATER FEATURE INSTALLATION



### APPLICATIONS

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

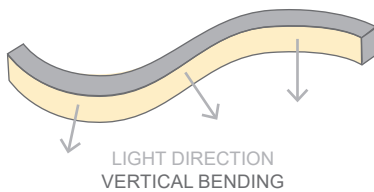
### FEATURES

- 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

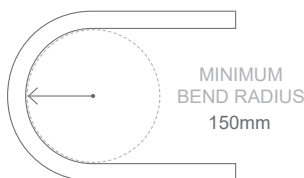
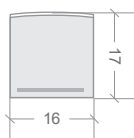
Neon is a broad range of silicone encapsulated LED ribbons with a variety of light emissions and casings that closely reference glass neon tube.

Neon Arc is a square W16 x H17mm, vertical bending model perfect for cove lighting, or architectural features in exterior and interior applications.

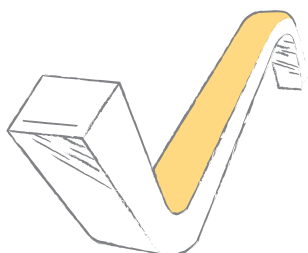
Neon is made to order, check with our team for lead times.



LIGHT DIRECTION  
VERTICAL BENDING



MINIMUM  
BEND RADIUS  
150mm



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. <i>Dimensions of connectors shown on installation guide</i>
CUTTING LENGTH	55.6mm
HOUSING	UV & flame resistant white silicone with opal diffuser
MOUNTING	Profile / clips available <i>SEE PAGE 3.</i>
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).

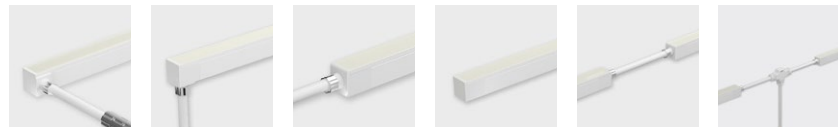
Power feed connectors are priced & supplied with 1metre cable as standard. Please specific at time of quoting if alternate lengths are required.

### 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



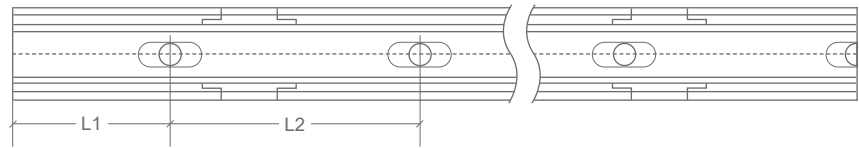
TOP END FEED      END CAP      300MM FLEXIBLE CONNECTOR

01      02

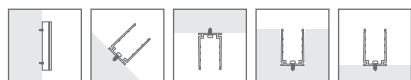
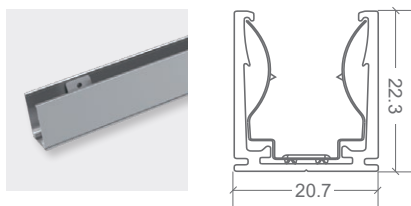
WHITE / DIM TO WARM

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

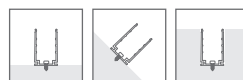
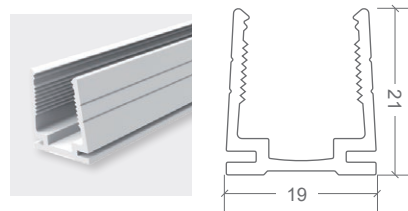
## NEON ARC | MOUNTING ACCESSORIES



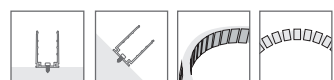
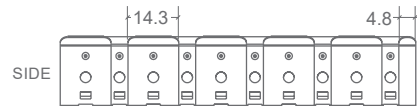
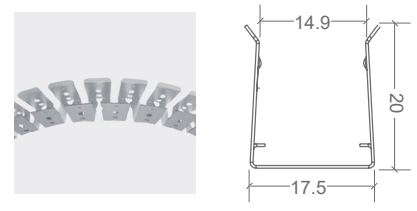
CODE	ACCESSORY	L1	L2	HOLE DIMENSIONS	HOLE NUMBER
BL-LS-4803	SELF-LOCKING ALUMINIUM PROFILE 2m	100mm	200mm	4 × 10mm	10
BL-LS-4804	PLASTIC PROFILE 2m	100mm	200mm	Ø3.5mm	10
BL-LS-4805	PLASTIC PROFILE 1m	100mm	200mm	Ø3.5mm	5
BL-LS-4813	BENDABLE STAINLESS STEEL PROFILE 890MM <i>MULTIPLE FIXING LOCATIONS</i>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



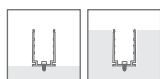
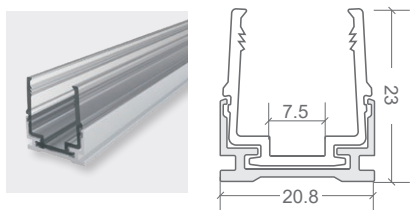
SELF-LOCKING ALUMINIUM PROFILE 2M



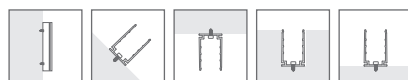
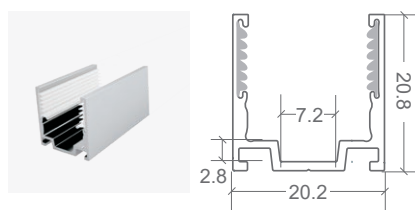
PLASTIC PROFILE



BENDABLE STAINLESS STEEL PROFILE 890MM



HYBRID PROFILE 2M



SERRATED ALUMINIUM 20MM MOUNTING CLIP