BRIGHTLIGHT

INDENT PRODUCT

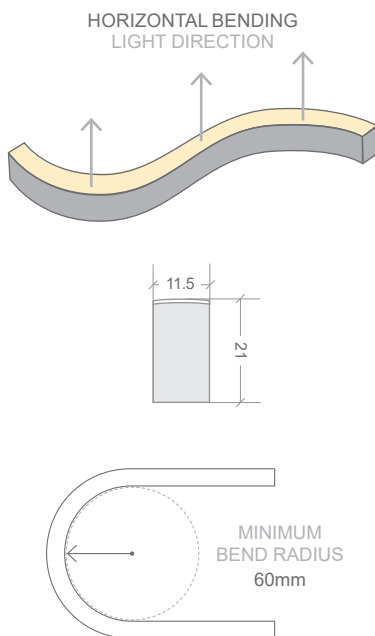## NEON EDGE | RGB CHASING | SILICONE

RECESSED INTO KORU SCULPTURE

APPLICATIONS

– Dynamic colour installations that chase, blend, flow, flash, skip, or fade
– Cove lighting, handrails, or toekicks
– Architectural features
– Exterior or interior installations
– Swimming or feature pools

FEATURES

– UV & flame resistant

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 × H21mm model.

RGB (Red, Green, Blue) ribbon provides a rainbow of colour options from hot pinks to vivid blues and anywhere in-between. RGB Chasing gives you dynamic control, pixel segments are independently addressable, allowing chasing & blending movement of colours.

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

CODE	COLOUR		LUMENS
BL-LS-4200S-RGBC	R	615–625nm	≥30lm/m
	G	520–530nm	≥75lm/m
	B	465–475nm	≥15lm/m

ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%. SOLD BY THE METRE. IES FILES AVAILABLE. WHITE, TUNEABLE WHITE & RGBW CHASING OPTIONS AVAILABLE.

HORIZONTAL BENDING
LIGHT DIRECTION

11.5

21

MINIMUM BEND RADIUS
60mm

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	**Static full loading*** 10m using one feed 20m using two feeds **Dynamic operating*** 15m using one feed 30m using two feeds

LIGHT & LIFE

BEAM ANGLE	160°
LED PER METRE	56
PIXELS PER METRE	8
SOURCE LIFE	50,000 hours
WARRANTY	5 years

PHYSICAL PARAMETERS & CONTROL

MINIMUM BEND RADIUS	60mm
BEND DIRECTION	Horizontal bending
DIMENSIONS	W11.5 × H21mm
INGRESS PROTECTION *Dimensions of connectors shown on installation guide*	IP67 or IP68 Protection established by use of connectors. *SEE PAGE 2.*
CUTTING LENGTH	125mm
HOUSING	UV & flame resistant white silicone with opal diffuser
MOUNTING	Profile / clips available *SEE PAGE 3.*
CONTROL	Requires SPI controller or can be controller by DMX controller via SPI decoder.

*STATIC VS DYNAMIC OPERATING

This product has a maximum wattage of 12W/m which is reached when all colours R+G+B are used simultaneously to create a white tone, with 3 × colour channels using approximately 4W/m each. Using Neon at this maximum load is called Static full loading (all colour channels, all powered continuously).

When R, G or B channels are used individually or blended to make colour mixes eg blue or purple (excluding white tones) the wattage used is below the maximum load and is considered dynamic operating. This also applies when the colours are constantly changing (including if a white tone is created but only used in a chasing, flashing or fading capacity).

When the maximum wattage of the product is reached, lengths longer than recommended may experience power loss, reduced luminosity & increased heat which can shorten the life of the product.

If unsure about the products intended usage, future proof by choosing the static full loading lengths.

Actual product characteristics may vary. Bright Light reserves the right to improve, modify or update the product designs without prior notice.

NEON EDGE | RGB CHASING | 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

INTERIOR   EXTERIOR   IP68   INDENT ITEM

REQUIRES FITTING AT FACTORY.
EXACT LENGTH REQUIRED BEFORE PRODUCTION
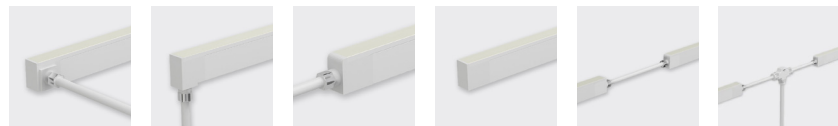
SIDE FEED	BOTTOM FEED	TOP END FEED	END CAP	300MM FLEXIBLE CONNECTOR	T FEED

SNAP CONNECTIONS | *IP67*

ON-SITE FITTING

INTERIOR   EXTERIOR

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	01	02	
RGB CHASING	BL-LS-4023	BL-LS-4024	BL-LS-4026	BL-LS-4027	BL-LS-4025

NEON EDGE | MOUNTING ACCESSORIES
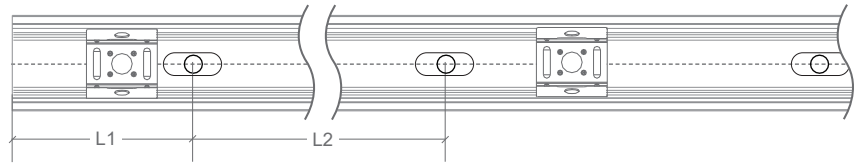
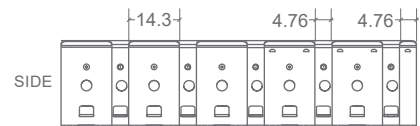| CODE	ACCESSORY	L1	L2	HOLE DIMENSIONS	HOLE NUMBER	CLIP NUMBER
BL-LS-4003	SELF-LOCKING ALUMINIUM V2 PROFILE 2M	100mm	200mm	4 × 10mm	10	9
BL-LS-4004	SELF-LOCKING ALUMINIUM V2 MOUNTING CLIP 35MM	5mm	25mm	4 × 10mm	2	1
BL-LS-4005	PLASTIC PROFILE 2M	100mm	200mm	Ø3.5mm	10	-
BL-LS-4006	PLASTIC PROFILE 1M	100mm	200mm	Ø3.5mm	5	-
BL-LS-4028	BENDABLE STAINLESS STEEL PROFILE 890MM *MULTIPLE FIXING LOCATIONS*	-	-	-	-	-
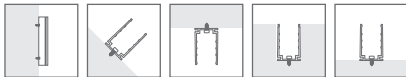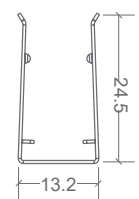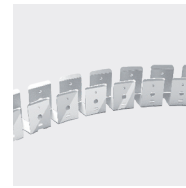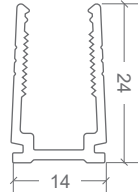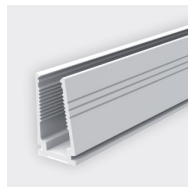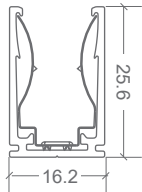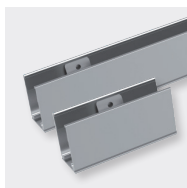
SELF-LOCKING ALUMINIUM PROFILE 2M / MOUNTING CLIP

Not recommend for underwater use
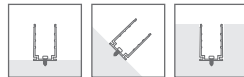
PLASTIC PROFILE

BENDABLE STAINLESS STEEL PROFILE 890MM