SAUNA LED NEON
BRAVE THE HEAT WITH BRILLIANCE

3
YEARS
WARRANTY

WITHSTANDS
UP TO
95°C

NEON XTRA ThermGlo™

BRIGHTLIGHT CLEAR

NEON XTRA

LED NEON produced by Clear Lighting and distributed by Bright Light, is a broad range of silicone encapsulated LED ribbons. NEON is perfect for commercial applications where high-quality lighting is required. Modern LED technology offers a durability that surpasses the traditional glass product, injection moulded connections offer up to IP68 protection, and the silicone casing provides UV and flame resistance while distributing uniform light.

On occasion, a project asks for more – Bright Light proudly introduces **NEON XTRA**, a highly specialised, application specific range of Neon products designed for niche applications.

The Neon Xtra range includes:

- **Luxpave**™ – In-ground, drive-over luminaire systems

- **Transportation Lighting** for applications like road bridges

- **SafeGlo**™ – Hazardous environment applications

- **ThermGlo**™ – Designed for Sauna & steam rooms

- **Panoray**™ – Freebend, high-powered wall washer luminaires

NEON XTRA ThermGlo™

SAUNA THERMGLO™

ThermGlo™ LED Neon is specifically designed to illuminate saunas and steam rooms both safely and with style. Utilising a specialised LED chip and silicone casing, ThermGlo™ LED Neon is engineered to withstand temperatures of up to 95°C, perfect for traditional sauna which typically range from 70°C to 95°C.

ThermGlo™ boasts an impressive IP67 rating, ensuring resilience even in environments with 100% relative humidity, making them an excellent choice for wet locations including spas and steam rooms.

With flexibility and extended continuous running length, ThermGlo™ Neon can be seamlessly installed on ceilings, benches, backrests, or corners and easily blend into its surroundings, contributing to an understated yet sophisticated aesthetic.

NEON
XTRA   ThermGlo™

FEATURES

Safe & Reliable

The on-board constant current design helps to control temperature for extra heat protection.

Heat Resistance

Engineered to withstand temperatures of up to 95°C.

Versatile Installation

ThermGlo™ can bend either horizontally or vertically.

Ready for Installation

Fully encapsulated LED and IP67 injection-moulded connectors allow for quick & easy installations.
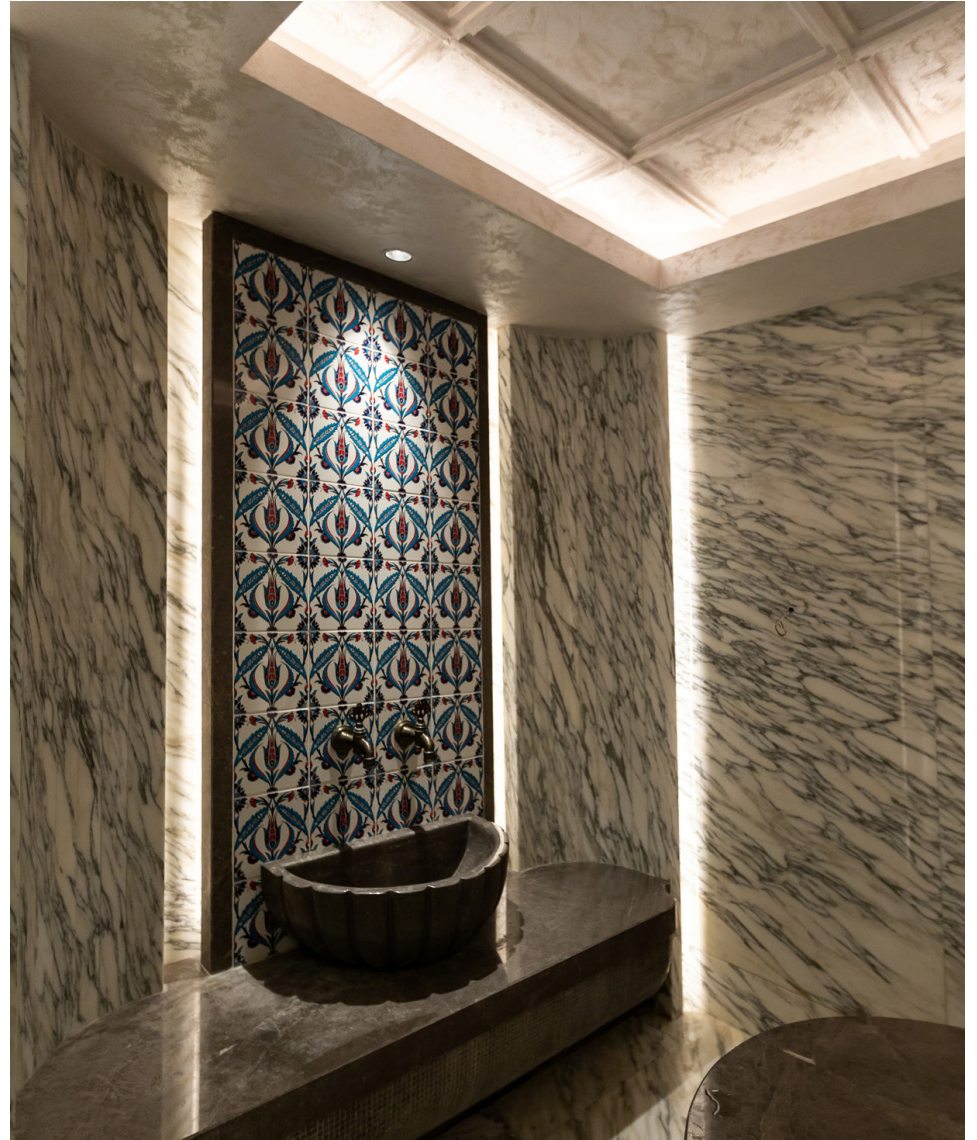
Economic performance & maintenance

Compared with traditional sauna luminaires ThermGlo™ Neon offers light efficiency and an increased lifespan.

Colour Options

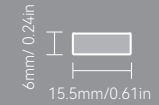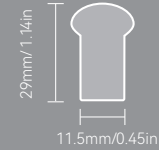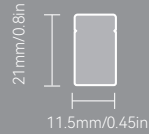Along with standard white light, ThermGlo™ offers options for Tuneable White, RGB, and RGBW.
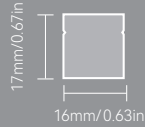
2200K

2700K

3000K   Red

Green

3500K

Blue

4000K

5700K   Amber

RGB

NEON XTRA   ThermGlo™

APPLICATION

MONOCHROME

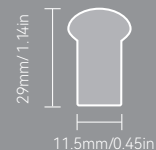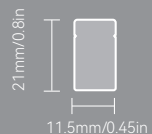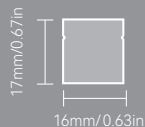| Dimension	C-SFR-F22B	C-SFR-F15B	C-SFR-F21B	C-SFR-F16B
	17mm/0.67in × 16mm/0.63in	21mm/0.8in × 11.5mm/0.45in	29mm/1.14in × 11.5mm/0.45in	6mm/0.24in × 15.5mm/0.61in
Category	C-SFR-F22B	C-SFR-F15B	C-SFR-F21B	C-SFR-F16B
Bending Direction	HB/VB	HB	HB	VB
Voltage (V)	24	24	24	24
Current (mA/m)	250	250	250	250 (166.7, for R,A)
Power (W/m)	6	6	6	6 (4, for R,A)
Circuit Type	CC	CC	CC	CC
LEDs Qty/m	108	72	72	36
LEDs Qty/unit	6 (9, for R,A)	6 (9, for R,A)	6 (9, for R,A)	6 (9, for R,A)
Unit/m	18 (12, for R,A)	12 (8, for R,A)	12 (8, for R,A)	6 (4, for R,A)
Min. Cutting Length (mm)	55.6 (83.3, for R,A)	83.3 (125, for R,A)	83.3 (125, for R,A)	166.7 (250, for R,A)
Min. Bending Diameter (mm)	300	120	120	50
Max. Running Length (mm)	10,000	10,000	10,000	10,000

TUNEABLE WHITE
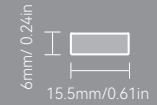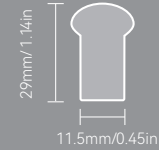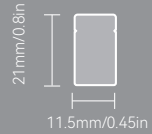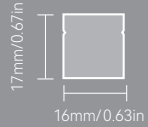
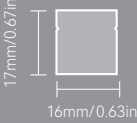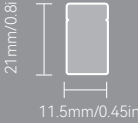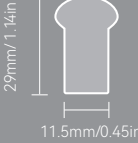| Dimension	17mm/0.67in × 16mm/0.63in	21mm/0.8in × 11.5mm/0.45in	29mm/1.14in × 11.5mm/0.45in	6mm/0.24in × 15.5mm/0.61in
Category	C-SFR-F22D	C-SFR-F15D	C-SFR-F21D	C-SFR-F16D
Bending Direction	HB/VB	HB	HB	VB
Voltage (V)	24	24	24	24
Current (mA/m)	250	250	250	250
Power (W/m)	6	6	6	6
Circuit Type	CC	CC	CC	CC
LEDs Qty/m	144	144	144	144
LEDs Qty/unit	12(6+6)	12(6+6)	12(6+6)	12(6+6)
Unit/m	12	12	12	12
Min. Cutting Length (mm)	83.3	83.3	83.3	83.3
Min. Bending Diameter (mm)	300	120	120	50
Max. Running Length (mm)	10,000	10,000	10,000	10,000

NEON XTRA ThermGlo™

RGB

Dimension	C-SFR-F22A 17mm/0.67in × 16mm/0.63in	C-SFR-F15A 21mm/0.8in × 11.5mm/0.45in	C-SFR-F21A 29mm/1.14in × 11.5mm/0.45in	C-SFR-F16A 6mm/0.24in × 15.5mm/0.61in
Category	C-SFR-F22A	C-SFR-F15A	C-SFR-F21A	C-SFR-F16A
Bending Direction	HB/VB	HB	HB	VB
Voltage (V)	24	24	24	24
Current (mA/m)	187.5	150	150	150
Power (W/m)	4.5	3.6	3.6	3.6
Circuit Type	CC	CC	CC	CC
LEDs Qty/m	84	60	60	60
LEDs Qty/unit	7	6	6	6
Unit/m	12	10	10	10
Min. Cutting Length (mm)	83.3	100	100	100
Min. Bending Diameter (mm)	300	120	120	50
Max. Running Length (mm)	10,000	10,000	10,000	10,000

NEON XTRA
ThermGlo™

RGBW

Dimension	C-SFR-F22E 17mm/0.67in × 16mm/0.63in	C-SFR-F15E 21mm/0.8in × 11.5mm/0.45in	C-SFR-F21E 29mm/1.14in × 11.5mm/0.45in	C-SFR-F16E 6mm/0.24in × 15.5mm/0.61in
Category	C-SFR-F22E	C-SFR-F15E	C-SFR-F21E	C-SFR-F16E
Bending Direction	HB/VB	HB	HB	VB
Voltage (V)	24	24	24	24
Current (mA/m)	250	208.3	208.3	208.3
Power (W/m)	6	5	5	5
Circuit Type	CC	CC	CC	CC
LEDs Qty/m	84	60	60	60
LEDs Qty/unit	7	6	6	6
Unit/m	12	10	10	10
Min. Cutting Length (mm)	83.3	100	100	100
Min. Bending Diameter (mm)	300	120	120	50
Max. Running Length (mm)	10000	10000	10000	10000

NEON XTRA ThermGlo™

CONNECTOR

Silicone Injection-moulded Connector IP67

MOUNTING PROFILE

Aluminum Profile		A/PL	35, 500, 1000, 2000	
Flange Aluminum Profile		FA/PL	35, 500, 1000, 2000	
Serrated Aluminum Profile		SA/PL	20, 500, 1000, 2000	
Flange Serrated Aluminum Profile		FSA/PL	20, 500, 1000, 2000	
Bendable Serrated Aluminum Profile		BSA/PL	500, 1000	
Stainless Steel Profile		SS/PL	35	

Installation Cautions

- *Keep at least 80cm away from the steam outlet or heat source area.*
- *Do not place in an enclosed space, as air circulation is needed.*
- *Do not touch metal components directly to prevent burns.*

NEON XTRA ThermGlo™