



# Break New Ground with Sturdy In-ground Lights



10000kg/0.5m  
Static Load



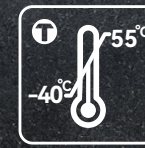
IP67 Protection



IK10 Protection



Anti-Slipping



Ambient Working  
Temperature



5 Year Warranty

# 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**



# IN-GROUND LIGHTING SOLUTIONS

Luxpave™ offers an unparalleled choice for LED in-ground applications, boasting an unrivalled dot and glare-free lighting solution that is resistant to vandalism, UV, water, corrosion, and slipping.

Luxpave™ has many versatile applications like walkways, driveways, civic squares, parking lots, landscapes, fountains, and more. Illuminate with a full range of static white light options with dimming as well as RGB colour changing options.

The Luxpave™ in-ground system has a IP68-rated LED strip housed in a solid metal casing and sealed with a thickened silicone diffuser for additional robustness and waterproofing.

**NEON**  
**XTRA** Luxpave™



# FEATURES

## Drive-over

- Drive-over product with capacity of over 30 times a standard car weight
- Static load capacity up to 10,000kg/0.5m.
- Lab testing and long-term simulations have been completed showing no damage to mechanical or lighting performance.
- Withstands impacts - from high heels to vehicles

## Continuous Illumination

- Achieve a continuous line of light by infinitely splicing the standard in-ground lights with no dark spots.
- Cable entry options from the sides or beneath the luminaire.

## High Corrosion Resistance

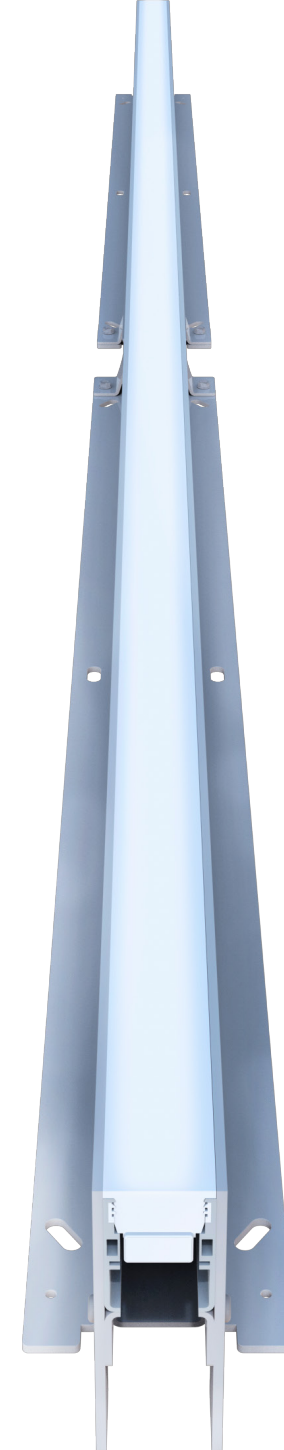
- 2mm or 3mm thick marine-grade 316 stainless steel housing providing high temperature and corrosion resistance for drive-over and walk-over installations.
- Aluminium housing option for walk-over installations is available for certain environments.

## Waterproof

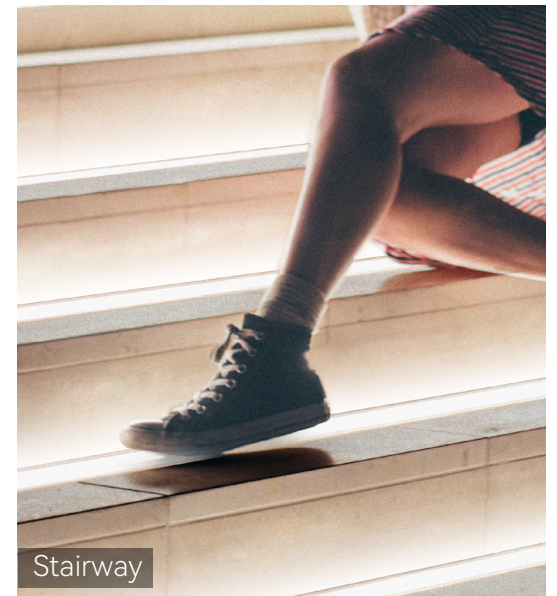
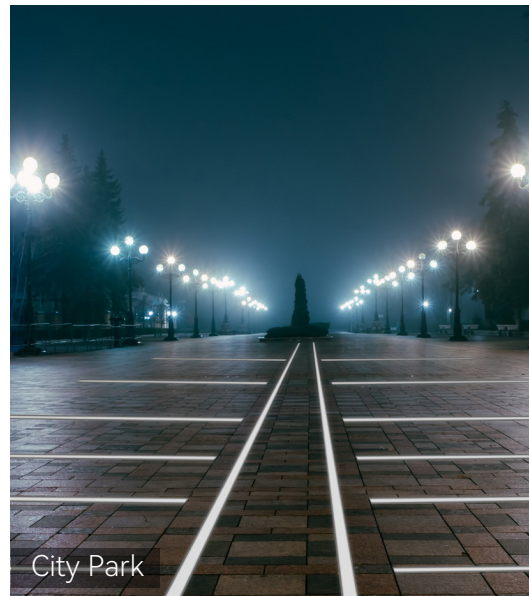
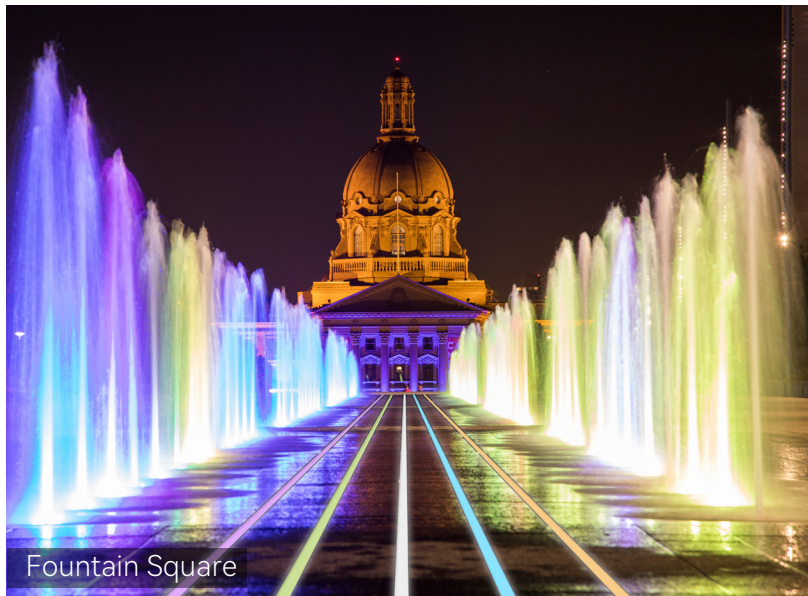
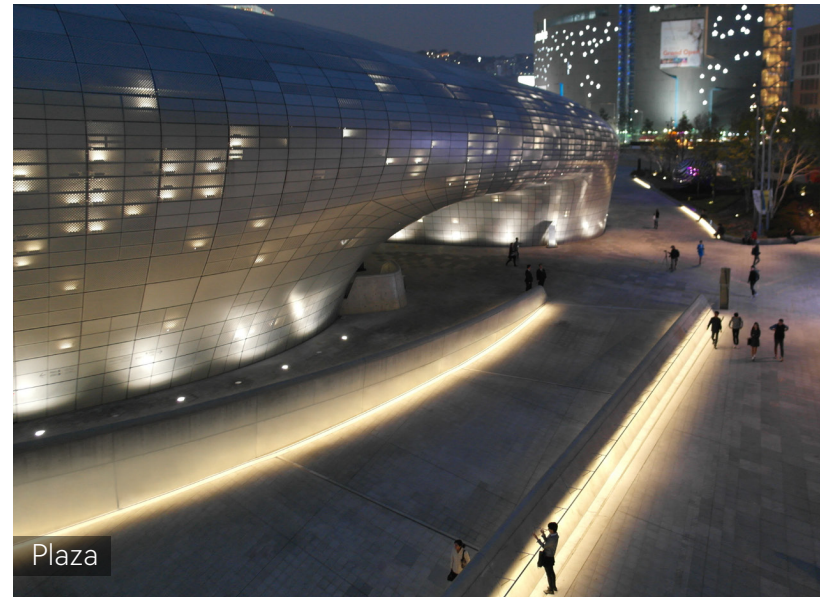
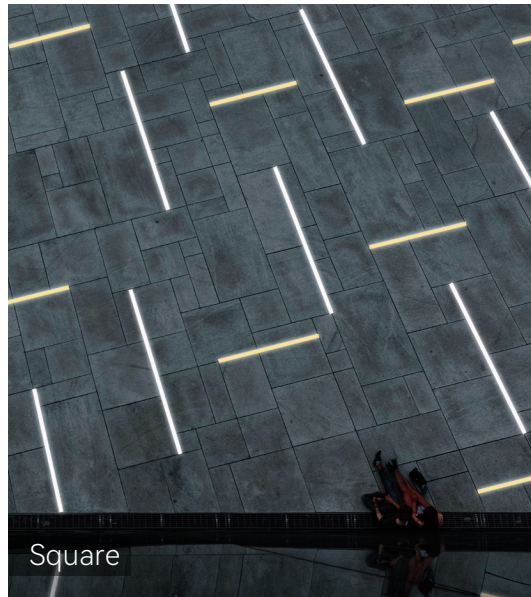
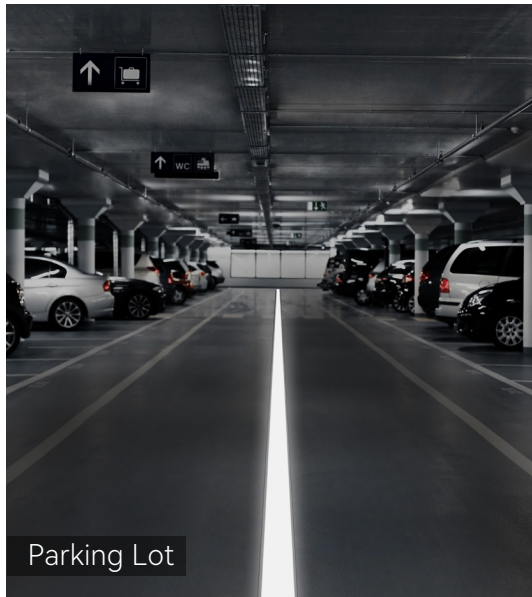
- Fully encapsulated LED strip and IP68 injection-molded connector making this a reliable waterproof solution.
- Rapid series connection using IP67 male and female connectors.
- A drainage design prevents long-term water immersion.

## Convenient Maintenance

- Detachable housing structure enables easy cleaning, troubleshooting, and maintenance of the internal LED strip.



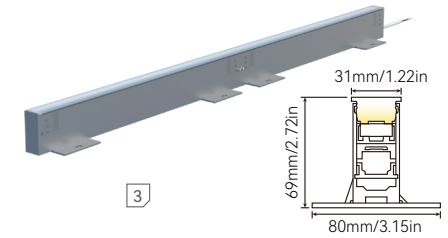
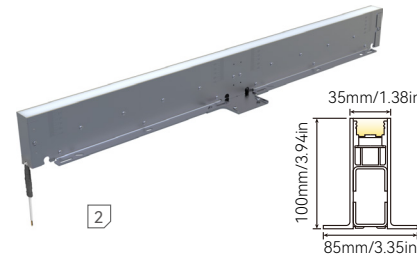
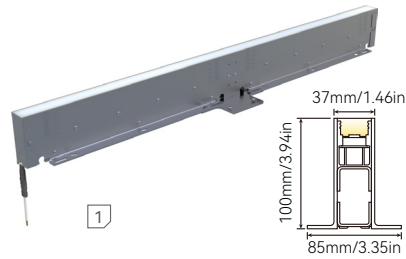
# APPLICATION



**NEON**  
**XTRA** Luxpave™

# Types

Type



Light Color



Material	316 Stainless Steel (3mm thickness)	316 Stainless Steel (2mm thickness)	6063 Aluminum Alloy
Static Load	10000kg/0.5m	8000kg/0.5m	3000kg/0.5m
W x H	85mm x 100mm	85mm x 100mm	80mm x 69mm
Conceal Wiring	Available	Available	Available
Adaptability	Drive over or stamp on	Light-duty drive over or stamp on	Stamp on only
IP Rating	IP67	IP67	IP67
Standard Length	504mm, 1004mm	204mm, 504mm, 1004mm	504mm, 1004m

# Test

Series	Tests	Testing Data	Standards
1	Resistance to Static Load	10000kg *	IEC60598-2-13
2	Resistance to Torque Load	50Nm *	IEC60598-2-13
3	Resistance to Shear Load	5KN *	IEC60598-2-13
4	Impact Protection Rating	IK10(20J)	IEC62262, IEC60068-2-75
5	Salt Spray	Level 10	IEC60068-2-11, ISO10289
6	Water Tightness	IPX8	EN60598-1: 2015+A1: 2018 Clause 9.2.2&9.2.8

\*Note: data for the stainless steel type, 3mm thickness.

# Type 1 & 2 Stainless Steel

IG/SD-IH  
Silicone Diffuser (invisible hotspots)

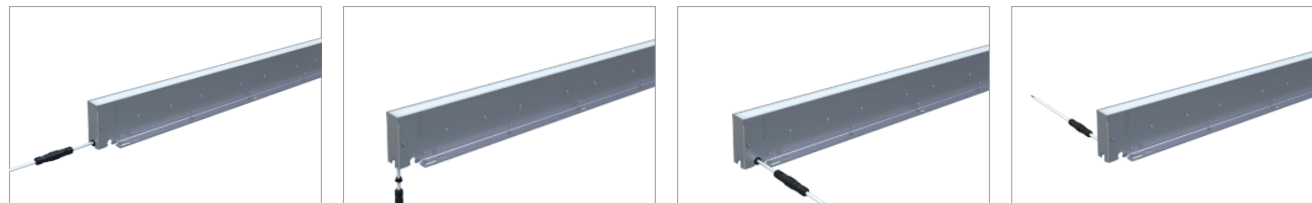
C-SFR-F2008  
F2008 LED Strip

F2008-IG/H-504MM-SSL  
Stainless Steel housing

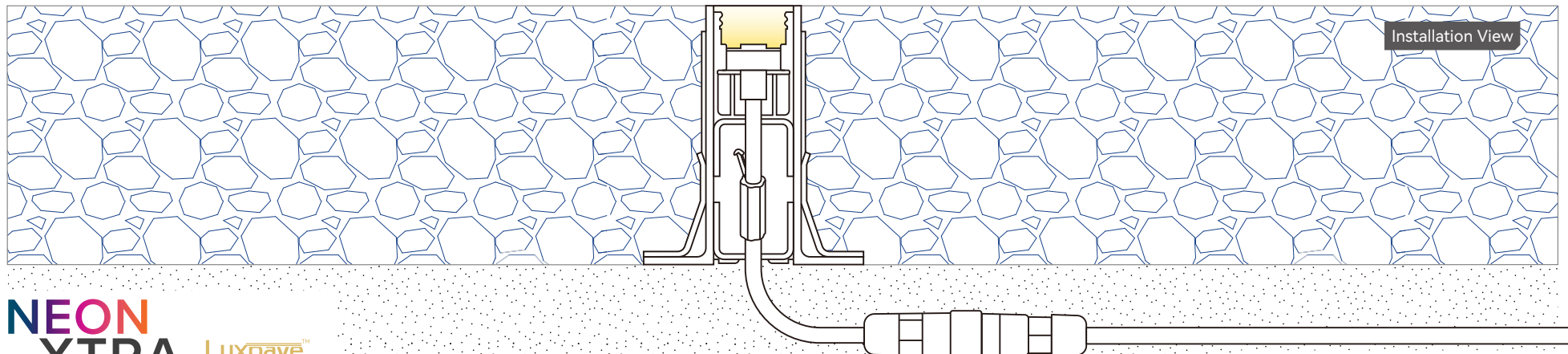
IG/EC-SSL  
End Cover

IG/JB-SSL  
Joining Bracket Seamless Joint  
& Infinite Extension

Exploded View



Installation View



# Type 3 Aluminum

