



# 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



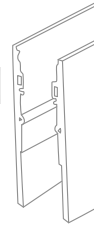
Luxpave™

CLEAR  
[www.clearlighting.com](http://www.clearlighting.com)

# Inground Lighting Solutions

The in-ground linear light series is your next-level choice for outdoor floor applications, featuring the unrivaled resistance to vandalism, UV, water, corrosion, and slipping, as well as the elevated visual experience suitable for a direct view. Paving it on roads, you can anticipate a dot-free, glare-free, and well-lit nightscape presented in countless possibilities.

Constructed with a visionary structural design, having the IP68-rated LED strip housed in a solid metallic casing, distinctively further sealed by a thickened silicone diffuser, all combine to be a fusion of robust and waterproof. It's stress-free for you to apply it to walkways, driveways, squares, parking lots, landscapes, fountains, and more, where frequently suffer the impact from high heels and vehicles, or water splashing or soaking may occur. Other than the static color in white or RGB, diversified lighting effects like dimming or color changing are achievable on demand. Also it's ready for unlimited light length extension simply by plugging in male and female connectors without dark joints on the emitting surface. The uniform and continuous illumination make the in-ground series become the best solution for decorative lights and wayfinding lights on the floor.





## Features

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### ★ Drive-over Level

It offers you the utmost assurance with the static load up to 10000kg/0.5m, at least 30+ times larger than the one it can bear when a sedan car passes by, proven by the lab test and long-term simulation tests. No damages or deformations will work on the in-ground light.

### ★ Continuous & Seamless Illumination

A non-stop glow line is achievable by splicing standard in-ground lights infinitely, cable entry from side or bottom, and none of the dark spots is perceivable in the joint, even in a close-up view.

### ★ High Corrosion Resistant

Optional at the housing, made of the marine-grade 316L stainless steel, up to 3mm thickness for the environment requiring the high-corrosion or high-temperature resistance.

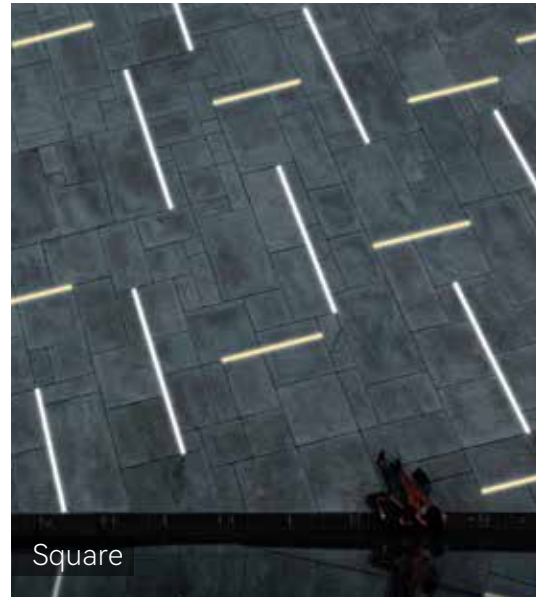
### ★ Reliable Watertightness

The waterproof ability is empowered inside as it has fully encapsulated LED strip integrated with IP68 injection-molded connector, connected rapidly in series with IP67 male and female connectors. It won't be influenced by the air tightness of housing. Instead, it benefits from its drainage design at the bottom to avoid long-term water immersion.

### ★ Convenient Maintenance

The detachable structure enables the cleaning, troubleshooting, and other maintenance jobs on the inside LED strip very easily, preserving the mounting floor and recessed fittings safe and sound.

# Application



# Types

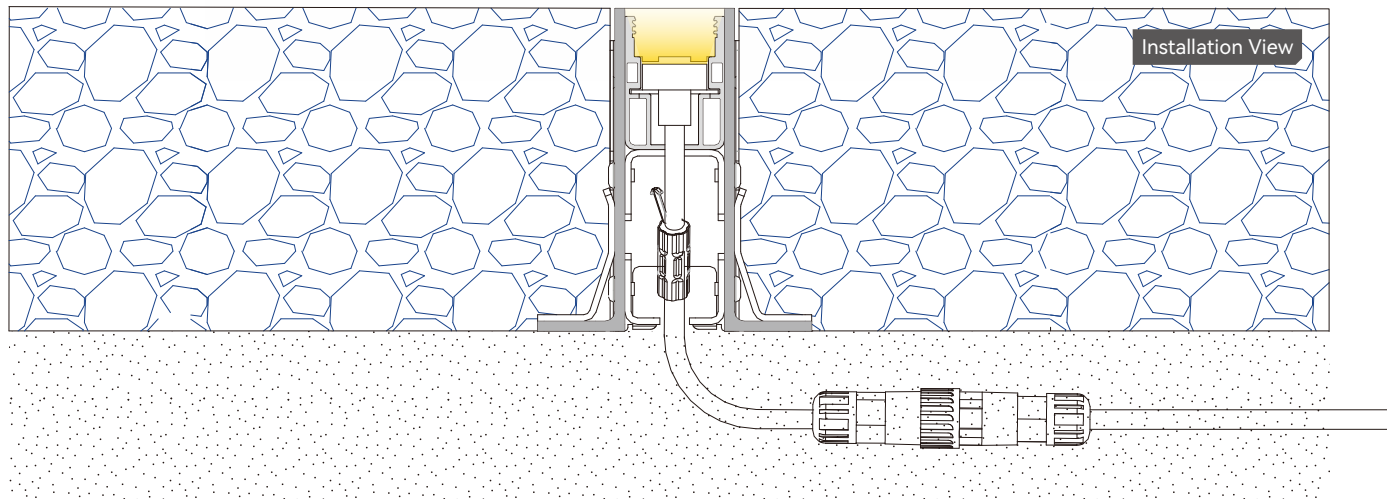
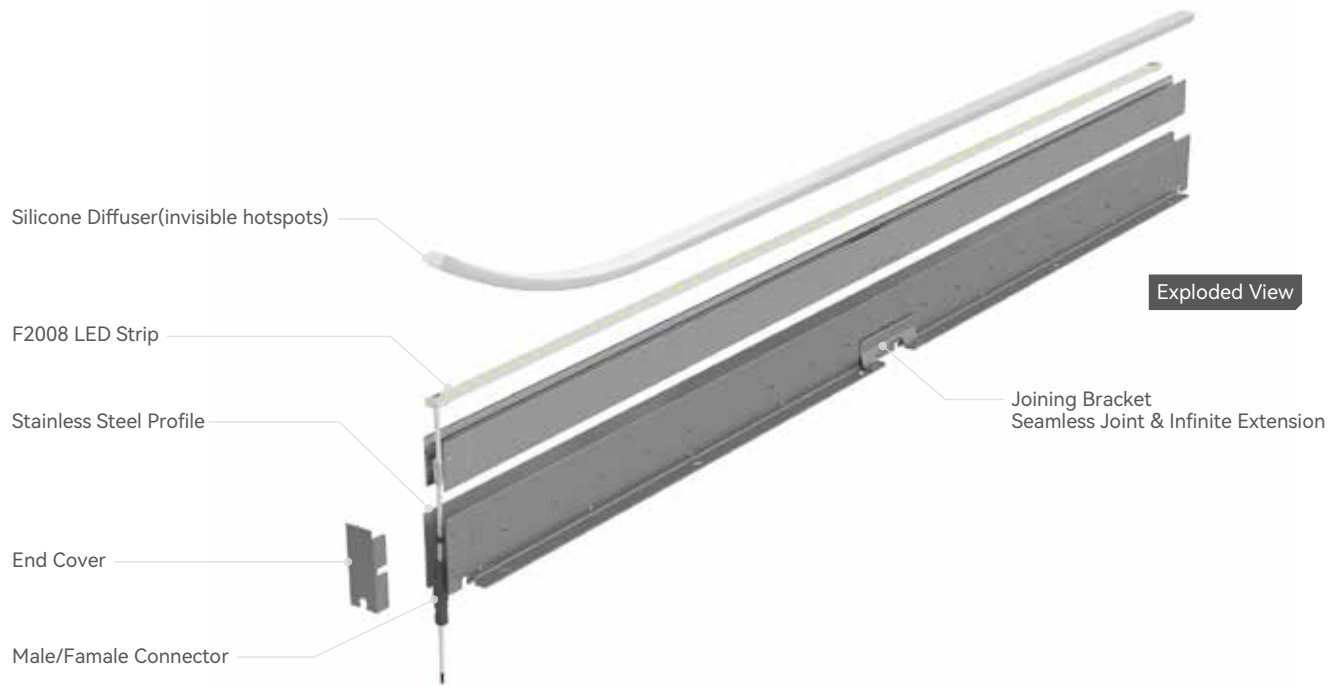
Type			
Light Color			
Material	316 Stainless Steel (3mm thickness)	316 Stainless Steel (2mm thickness)	6063 Aluminum Alloy
Static Load	10000kg/0.5m	8000kg/0.5m	1000kg/0.5m
W x H	85mm x 100mm	85mm x 100mm	80mm x 69mm
Conceal Wiring	Available	Available	Available
Adaptability	Drive over or stamp on	Light-duty 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



# Type 3 Aluminum

