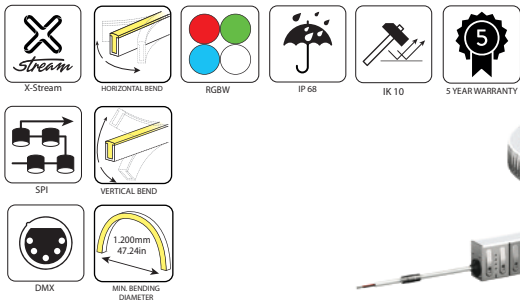


FXN IN-GROUND | FLEXIBLE NEON

The FXN In-Ground is a rugged, IP68-rated linear LED designed to live flush with pavements, plazas, and driveways. A solid metal housing and thick silicone optic shrug off traffic, high heels, vandalism, and standing water while delivering dot-free, anti-glare RGBW or static-white light.

Tool-free plug-through connectors create seamless runs with no dark joints, making it the go-to solution for decorative ground lighting and illuminated way-finding.

With FXN In-Ground, every hardspace becomes a resilient canvas of light-guiding, accenting and standing up to the elements for years to come.






PART NUMBER CONFIGURATOR

Prefix	Model	LED Colour	WhiteCCT	Control	Bending Direction	Power	Voltage	LEDs Qty/m	Min. Bending Length (mm)
FXN	In-Ground	W – White (21K–50K)	21K – 2100K 30K – 3000K 40K – 4000K 50K – 5000K	D – DMX S – SPI X – X-Stream	F – Freebend	12 – 12W	24 – 24V DC	70 – 70LEDs/m 90 – 90LEDs/m	100 – 100mm

SPECIFICATIONS

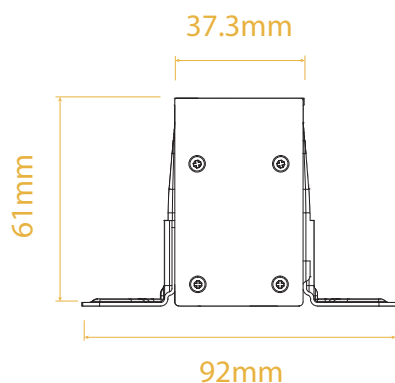
Example: FXN – IG – W – 30K – D – F – 12 – 24 – 70 – 100

Electrical	Power Consumption Operating Voltage Installation Temperature Operating Temperature Storage Temperature	12W per metre (fixed, standard configuration) 24V DC -40°C TO 55°C - (-40°F TO 131°F) -40°C TO 55°C - (-40°F TO 131°F) -40°C TO 60°C - (-40°F TO 140°F)
Physical	Dimensions Bending Housing / Lens Weight/m IK Rating IP Rating LEDs Qty/m Min. Cutting Length Min. Bending Diameter Unit/m (Pixel Qty/m) Connectors Mounting Profiles Data Maximum Run Length	L: 500mm / 1000mm – H: 61mm – W: 92mm (bottom channel) / 37.3mm (top channel) Horizontal Bending / Vertical Bending Silicone 2.8kg IK10 IP68 70LEDs/m, 90LEDs/m 100mm(1unit) 1200mm (HB) / 1200mm (VB) 12 pixels Silicone Injection-moulded Connector Serrated Aluminium Profile, Flange Serrated Aluminium Profile, Bendable Serrated Aluminium Profile 64m @ 12pixels/m – 6 universes
Optical	Beam Angle Colour Range LED Type LED Distance Total Lumens	120° White (2100K, 3000K, 4000K, 5000K) EPISTAR SMD LED 16.67mm >500lm/m
Diming & Control	Control Protocols Dimming Resolution	X-Stream: SPI protocol with data redundancy Others – SPI, DMX
Fixture Rating & Certifications	UL LISTED, CE RoHs COMPLIANT	  
Limited Warranty	5 Years	Extendable Warranty Available

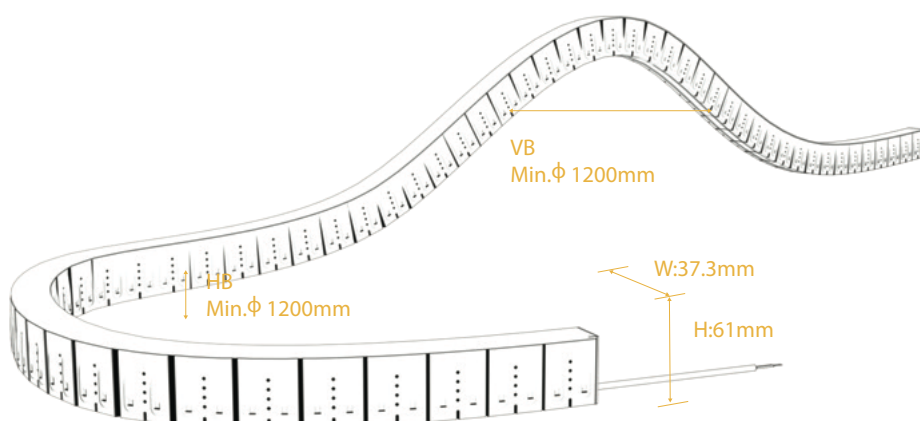
FXN IN-GROUND FLEXIBLE NEON

DIMENSIONS & BENDING

Dimensions of Light



Minimum Bending Diameter



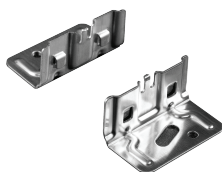
FXN IN-GROUND FLEXIBLE NEON ACCESSORIES



• PVC Protection Cover



• Silicone Diffuser



• Fixing Bracket



• Option #1 Plastic Type
IP67 Male & Female Connector



• End Cover



• Joining Bracket



• Option #2 Metal Type
IP68 Male & Female Connector