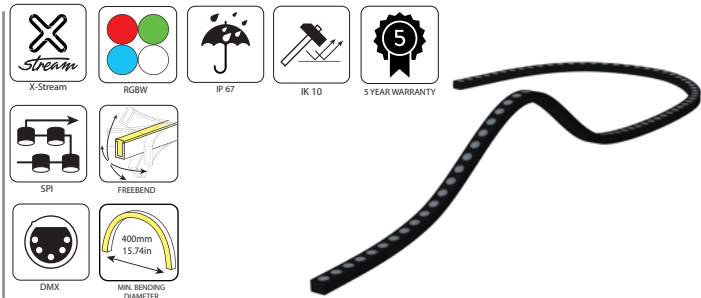


FXN 3525 | FLEXIBLE NEON

The FXN 3525 adopts an exquisite look and gives a dedicated touch. Specialised lens and silicone casing to withstand UV and heat, make it ideal for architectural and commercial applications. It offers precise control with built-in UCS2903 or UCS2904 chips in both RGB and RGBW.

Constructed from silicone, the FXN 3525 is engineered for reliability with IP67 water resistance and IK10 impact protection.

Its UV-Resistant design operates in extreme temperatures from -40°C to 55°C, making it ideal for demanding environments and complex lighting installations.



PART NUMBER CONFIGURATOR

Prefix	Model	LED Colour	White CCT	Control	Bending Direction	Beam Angle	Power	Voltage	LEDs Qty/m	Min. Cutting Length (mm)	Finish
FXN	3525	RGB RGBW W – White (22K-57K) DW – Dynamic White (22K=57K)	27K – 2700K 30K – 3000K 35K – 3500K 40K – 4000K 57K – 5700K	D – DMX S – SPI X – X-Stream	F – Freebend	12 – 12° 25 – 25° 1.25 – 15°*25° 1.4 – 15°*40° 1.6 – 15°*60° 2.4 – 20°*40°	24 – 24W	24 – 24V DC	28 – 28LEDs/m	250 – 250mm	WW – White Base & White Light Surface BB – Black Base & Black Light Surface

Example: FXN – 3525 – RGBW – 27K – D – F – 25 – 24 – 24 – 28 – 250 – WW

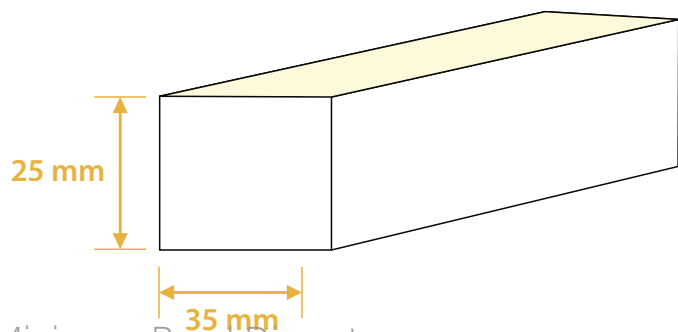
SPECIFICATIONS

Electrical	Power Consumption Operating Voltage Installation Temperature Operating Temperature Storage Temperature	24W per metre (fixed, standard configuration) 24V DC -40°C TO 55°C - (-40°F TO 122°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 Finish Weight/m IK Rating IP Rating LEDs Qty/m Min. Cutting Length Min. Bending Diameter Unit/m (Pixel Qty/m) Connectors Mounting Profiles Mounting Brackets Mounting Clips Data Maximum Run Length	L: 1000mm – W: 35mm – H: 25mm Freebend Silicone White Base & White Light Surface, Black Base & Black Light Surface 1100g IK10 IP67 28LEDs/m 250mm (1 unit) 400mm (Vertical Bend) / 800mm (Horizontal Bend) 12 pixels/m Silicone Injection-moulded Connector Serrated Aluminium Profile H36, Serrated Aluminium Profile H50, Bendable Serrated Aluminium Profile H36 (HB), Bendable Serrated Aluminium Profile H36 (VB) Adjustable Mounting Bracket Bendable Aluminium Glare Shield (HB) 64m @ 12pixels/m – 6 universes
Optical	Beam Angle Colour Range Total Lumens	12°, 25°, 15°*25°, 15°*40°, 15°*60°, 20°*40° White (2700K, 3000K, 3500K, 4000K, 5700K), RGBW, RGB, Dynamic White (22K-57K) <820lm/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 3525 | FLEXIBLE NEON

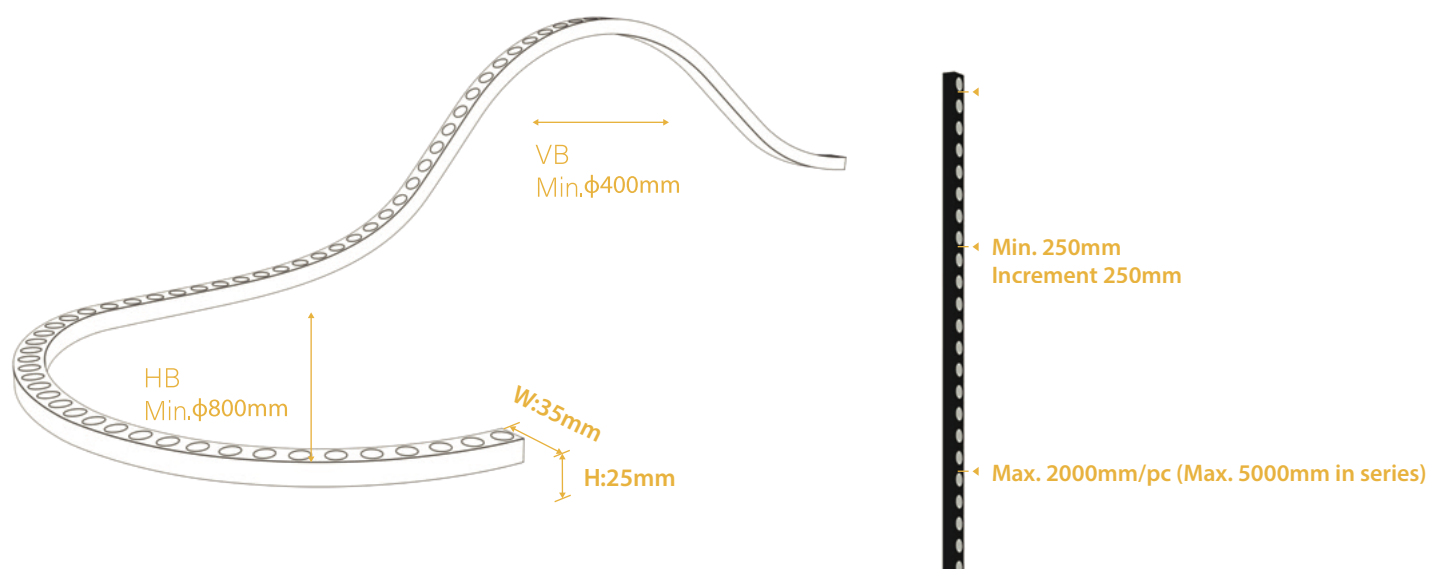
DIMENSIONS & BENDING

Dimensions of Light



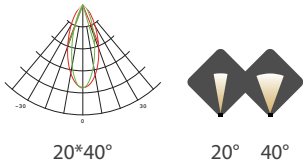
Minimum Bend Diameter

Standard Length



FXN 3525 | FLEXIBLE NEON

PHOTOMETRIC CURVE



LUMEN OUTPUT (lm/m)



Black Finish

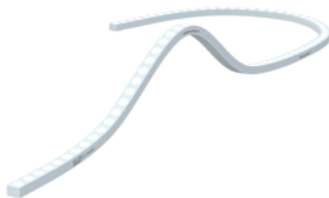


Lens	Red	Green	Blue	R+G+B
20*40°	>170	>400	>90	>660



Lens	Red	Green	Blue	R+G+B	3000K
20*40°	>120	>300	>60	>480	>300

White Finish



Lens	Red	Green	Blue	R+G+B
20*40°	>200	>470	>110	>780

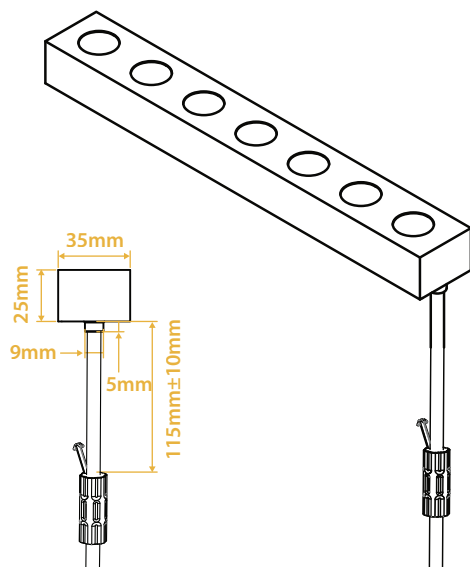


Lens	Red	Green	Blue	R+G+B	3000K
20*40°	>150	>300	>70	>520	>400

FXN 3525 | FLEXIBLE NEON

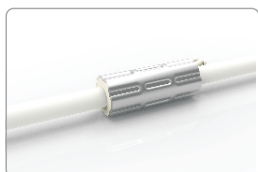
CONNECTORS

Silicone Injection-moulded Connector IP67



FXN - 3525 - C - SIM

Anti-wicking Ferrule

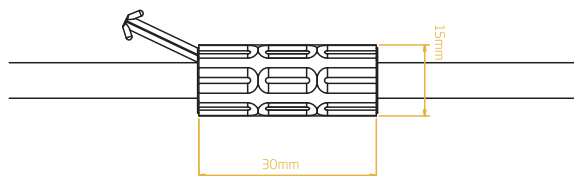


The anti-wicking ferrule is located at 115mm (± 10 mm tolerance) from the connector on the cable.

For protection against water ingress from inside of cable wire and hence damage the light.

Note:

1. Unless otherwise stated, the tolerance is ± 0.5 mm
2. The removal of anti-wicking ferrule will void the warranty if any water ingress caused by it.



Male & Female Connector

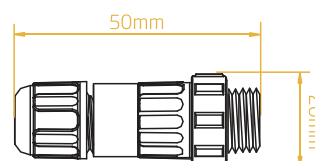


For plug and play cable junction, IP67.

FXN - 3525 - MC / FXN - 3525 - FC

Note:

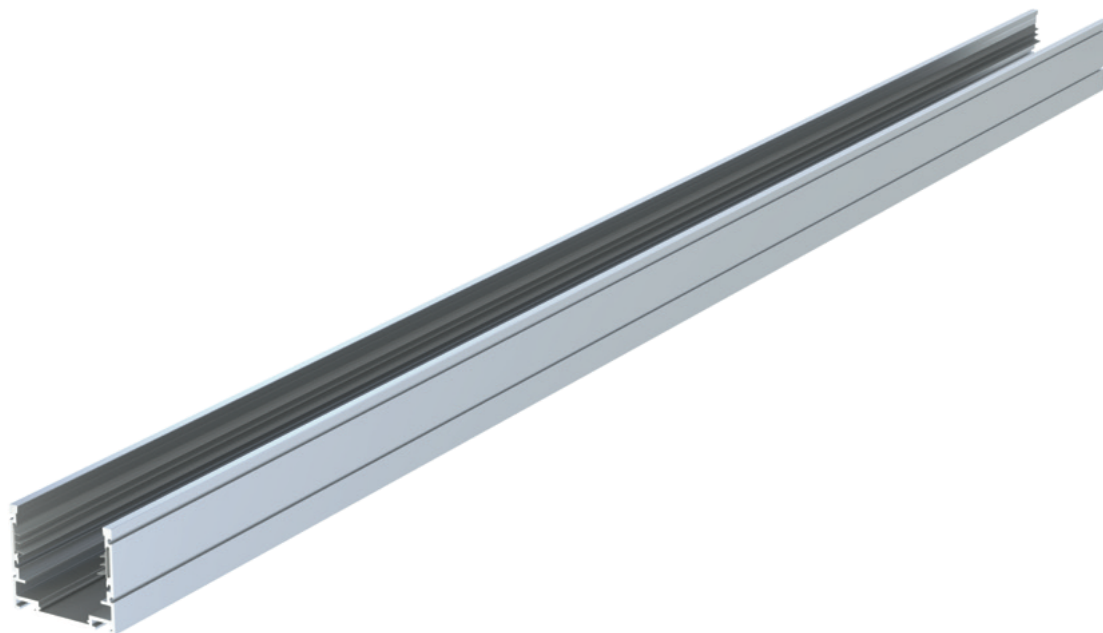
Unless otherwise stated, the tolerance is ± 2 mm.



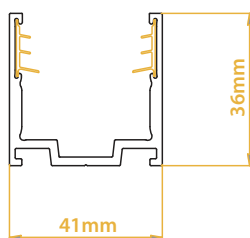
FXN 3525 | FLEXIBLE NEON

MOUNTING PROFILES

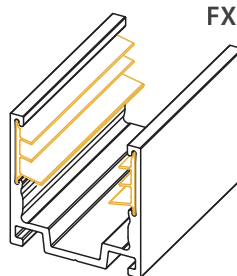
Serrated Aluminium Profile H36



Dimensions: mm



Tolerance: $\pm 0,3\text{mm}$



FXN – 3525 – SA/PL – 500MM – AL – H36

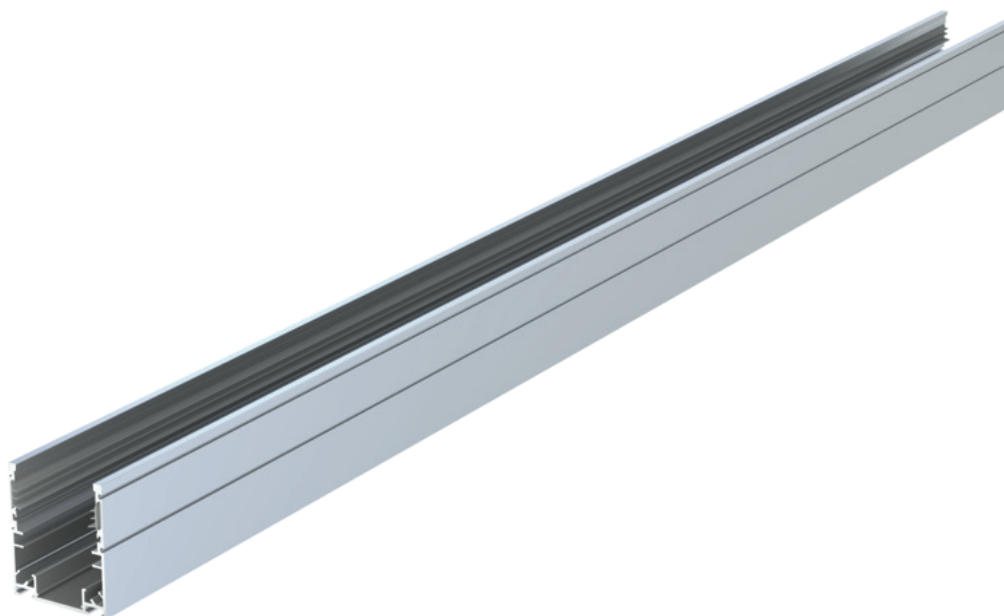
Available Lengths:

50mm, 500mm, 1000mm, 2000mm

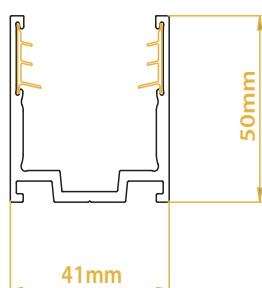
FXN 3525 | FLEXIBLE NEON

MOUNTING PROFILES

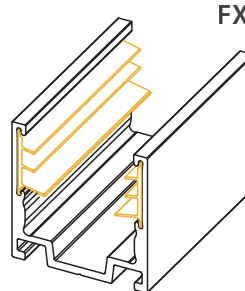
Serrated Aluminium Profile H50



Dimensions: mm



Tolerance: $\pm 0,3\text{mm}$



FXN – 3525 – SA/PL – 500MM – AL – H50

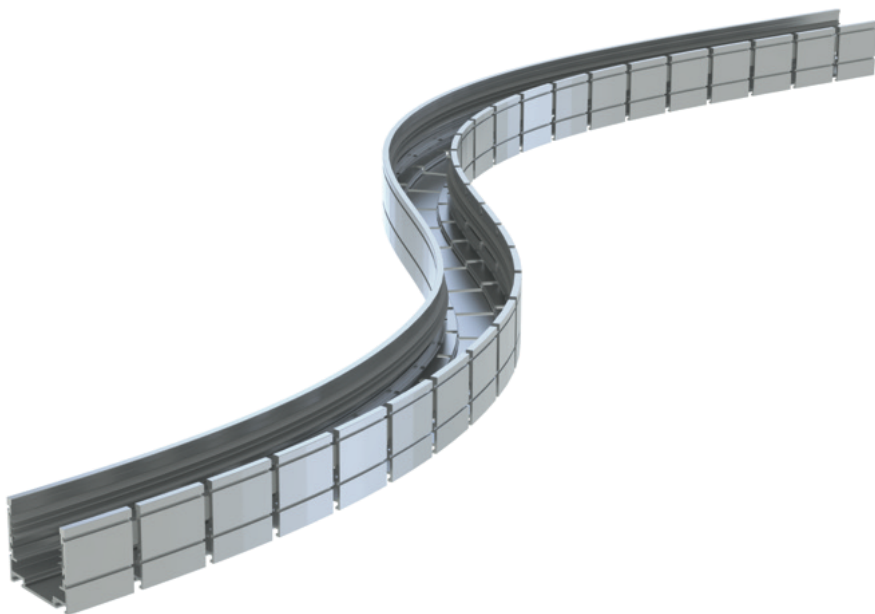
Available Lengths:

1000mm, 1750mm, 2000mm

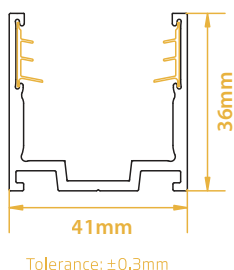
FXN 3525 | FLEXIBLE NEON

MOUNTING PROFILES

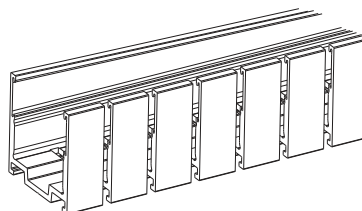
Bendable Serrated Aluminium Profile HB



Dimensions: mm



FXN – 3525 – BSA/PL – 500MM – AL – HB



Available Lengths:

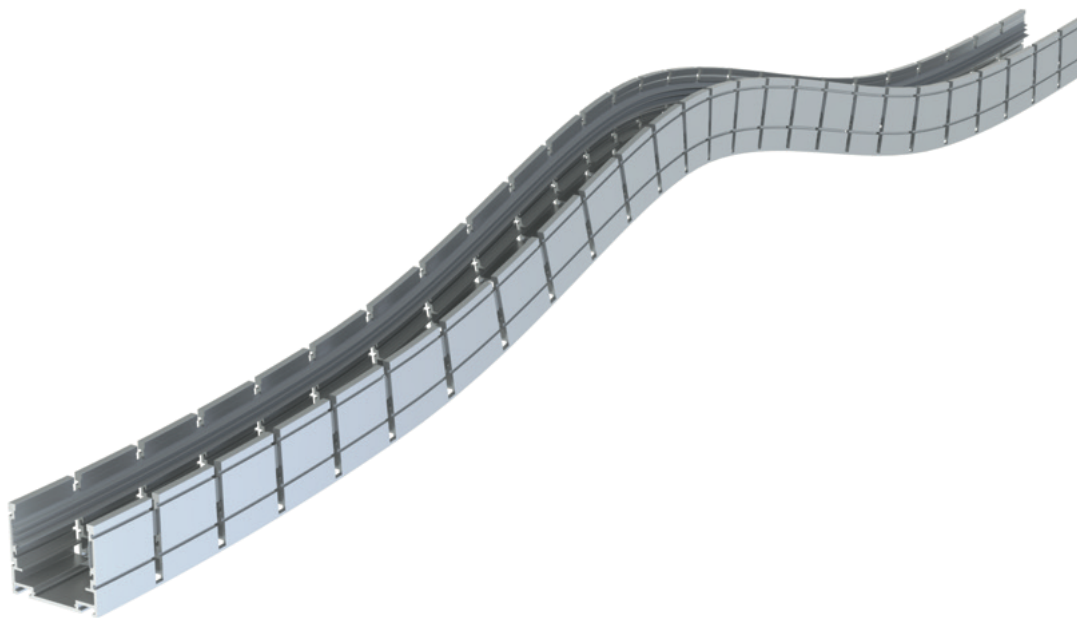
50mm, 500mm, 1000mm, 2000mm

Note – It's IK08 rated when the light is put in this type of mounting profile.

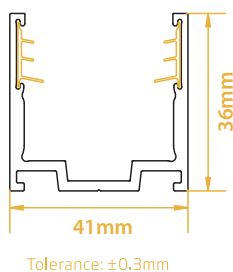
FXN 3525 | FLEXIBLE NEON

MOUNTING PROFILES

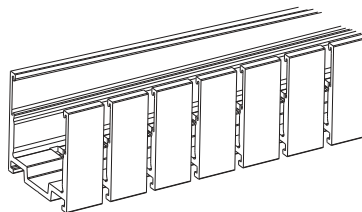
Bendable Serrated Aluminium Profile VB



Dimensions: mm



FXN – 3525 – BSA/PL – 500MM – AL – VB



Available Lengths:

50mm, 500mm, 1000mm, 2000mm

Note – It's IK08 rated when the light is put in this type of mounting profile.

FXN 3525 | FLEXIBLE NEON

MOUNTING PROFILES

Bendable Serrated Aluminium Profile VB



30+
Times
Clamping Force



Kids
Friendly



Solvents
Resistant



Saltwater
Resistant



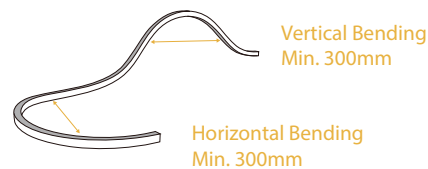
UV
Resistant



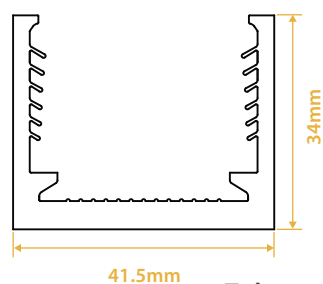
Flame
Resistant

FXN – 3525 – BA/PL – 200MM – A
FXN – 3525 – BA/PL – 500MM – A
FXN – 3525 – BS/PL – 1000MM – A

APPEARANCE COLOR



Dimension



Tolerance: $\pm 0.3\text{mm}$

Standard Length

200mm, 500mm, 1000mm

Installation Methods:



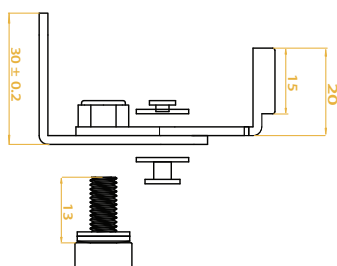
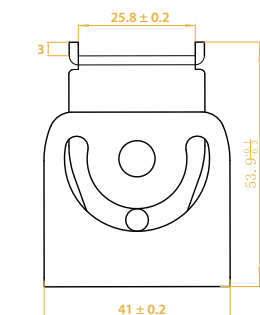
FXN 3525 | FLEXIBLE NEON

BRACKETS

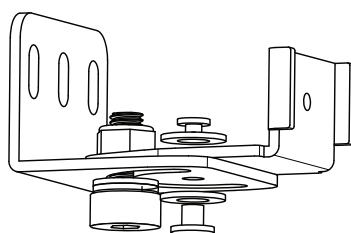
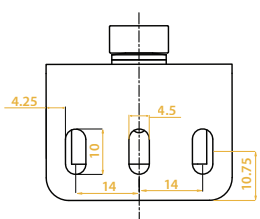
Adjustable Mounting Bracket



Dimensions: mm



FXN – 3525 – B – AM



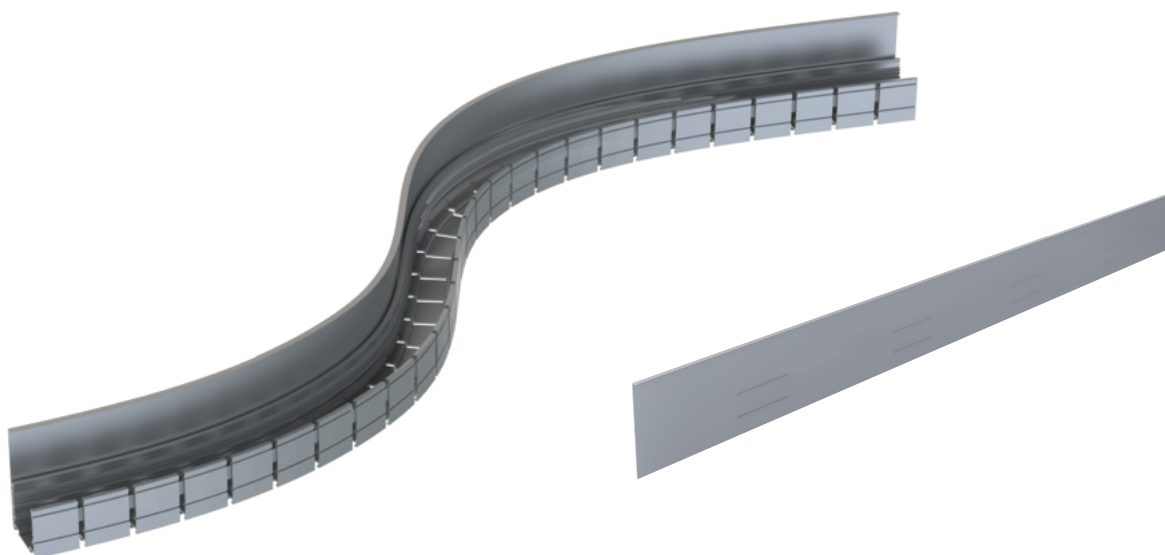
- * 180° Rotation
- * 304 Stainless Steel

Note – Its rotation angle will be restricted if the bracket is applied to the bending profile.

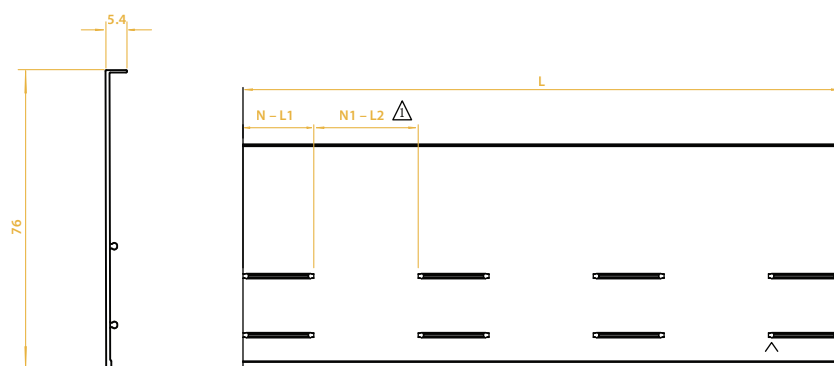
FXN 3525 | FLEXIBLE NEON

BRACKETS

Adjustable Mounting Bracket



Dimensions: mm



FXN – 3525 – S – BAG

Min. Bending Diameter 1200mm
Available Lengths: 1000mm, 2000mm
 Note – it's not suitable for the vertical bending profile.

