

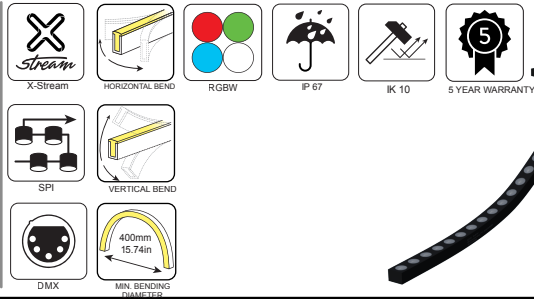
FXN 3525

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	WhiteCCT	Control		Beam Angle	Voltage	CRI	Connectors
FXN	3525	RGB RGBW W – White (27K-57K) DW – Dynamic White (27K≈65K)	27K – 2700K 30K – 3000K 40K – 4000K 50K – 5000K	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 – 24V DC	80	SIMC – Silicone Injection-moulded Connector

Example: FXN – 3525 – RGBW – 27K – X – F – 1.6 – 24 – 80 – SIMC

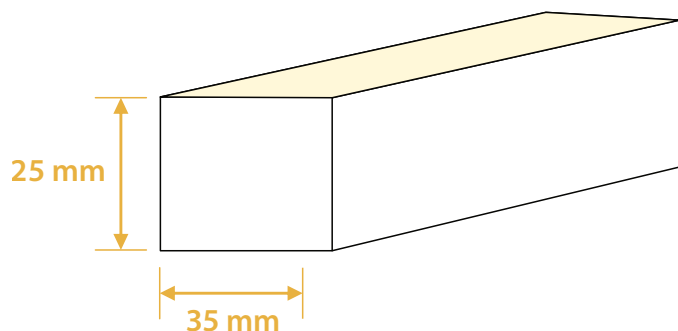
SPECIFICATIONS

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 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 Min. Cutting Unit Min. Cutting Length Min. Bending Diameter Unit/m (Pixel Qty/m) Connectors Mounting Profiles Bracket Shields Maximum Run Length	L: 1000mm – H: 25mm – W: 35mm Freebend Silicone 1100g IK10 IP67 7LEDs (1unit) 250mm (1unit) 400mm (Vertical Bend) / 800mm (Horizontal Bend) 12 pixels 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 LED Qty/m LED Type LED Distance Total Lumens	12°, 25°, 15°*25°, 15°*40°, 15°*60°, 20°*40° RGBW, RGB, White (2700K, 3000K, 4000K, 5000K) 28LEDs <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

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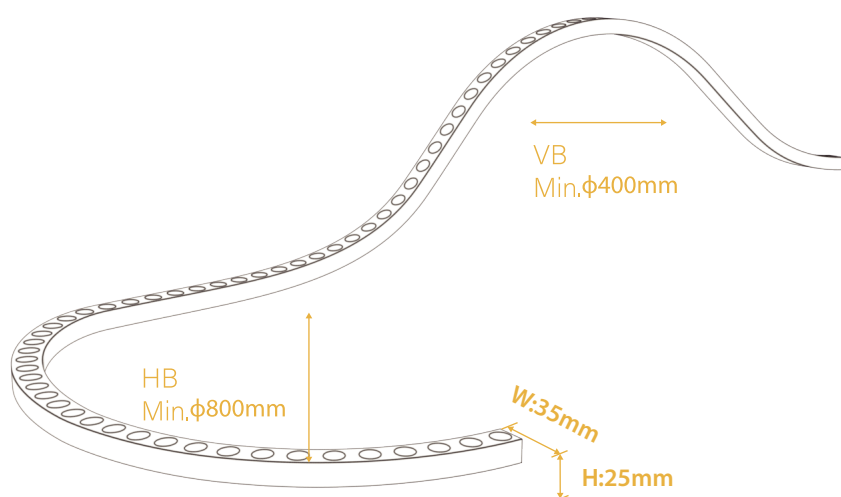
DIMENSIONS & BENDING

Dimensions of Light



Minimum Bend Diameter

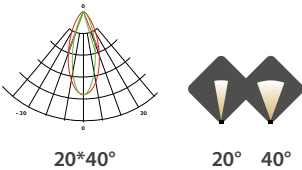
Standard Length



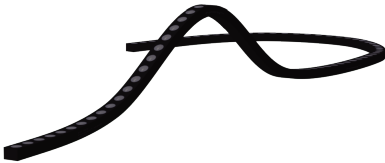
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PHOTOMETRIC CURVE

DMX 

PHOTOMETRIC CURVE



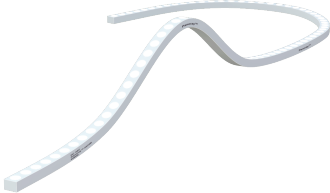
LUMEN OUTPUT (lm/m)



Black Finish



Lens	Red				
20*40°	>170				



White Finish



Lens					
20*40°					



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

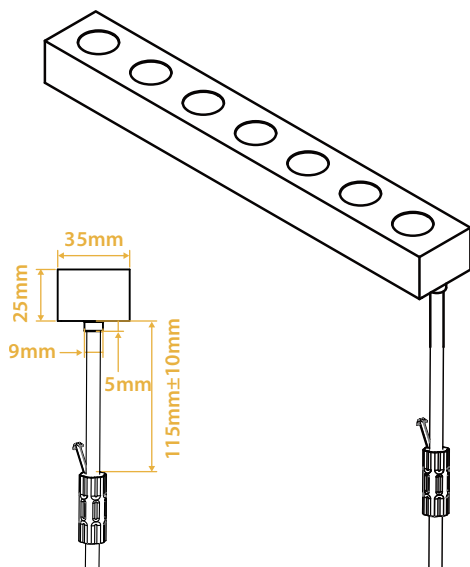


Lens	Red	Green	Blue	R+G+B	3000K
20*40°	>150	>300	>70	>520	>400

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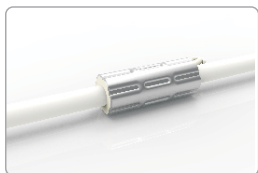
CONNECTORS

Silicone Injection-moulded Connector IP67



FXN - 3525 - C - SIM

Anti-wicking Ferrule

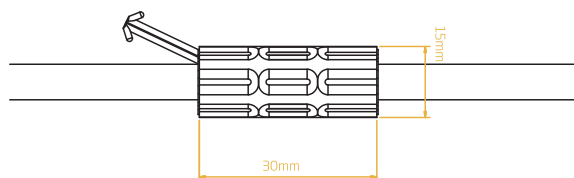


The anti-wicking ferrule is located at 115mm (± 10 mm tolerance) from the connector on the cable.

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

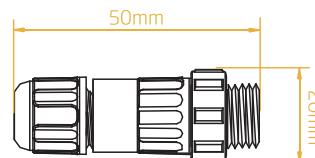


For plug and play cable junction, IP67.

FXN - 3525 - MC / FXN - 3525 - FC

Note:

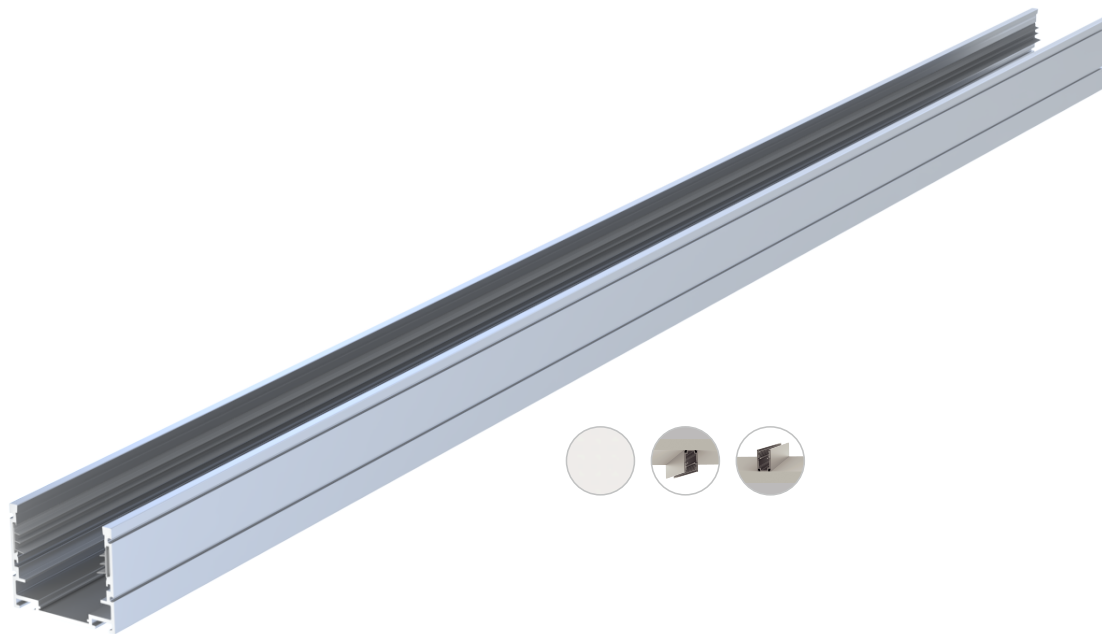
Unless otherwise stated, the tolerance is ± 2 mm.



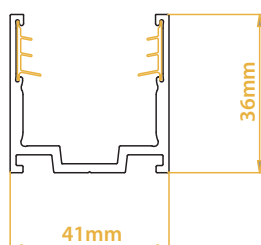
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MOUNTING PROFILES

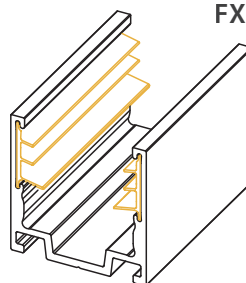
Serrated Aluminium Profile H36



Dimensions: mm



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



FXN – 3525 – SA/PL – 500MM – AL – H36

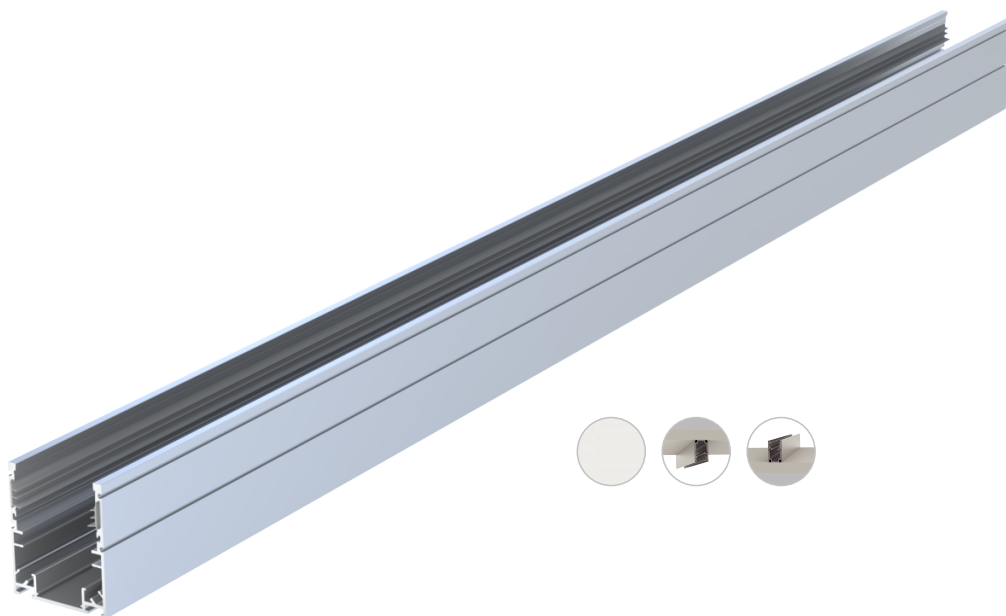
Available Lengths:

50mm, 500mm, 1000mm, 2000mm

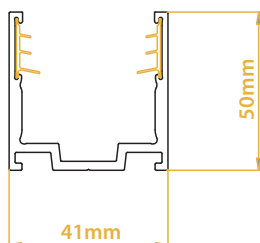
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MOUNTING PROFILES

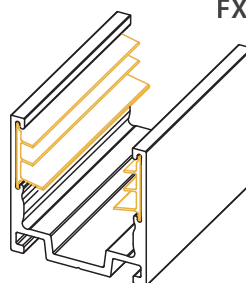
Serrated Aluminium Profile H50



Dimensions: mm



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



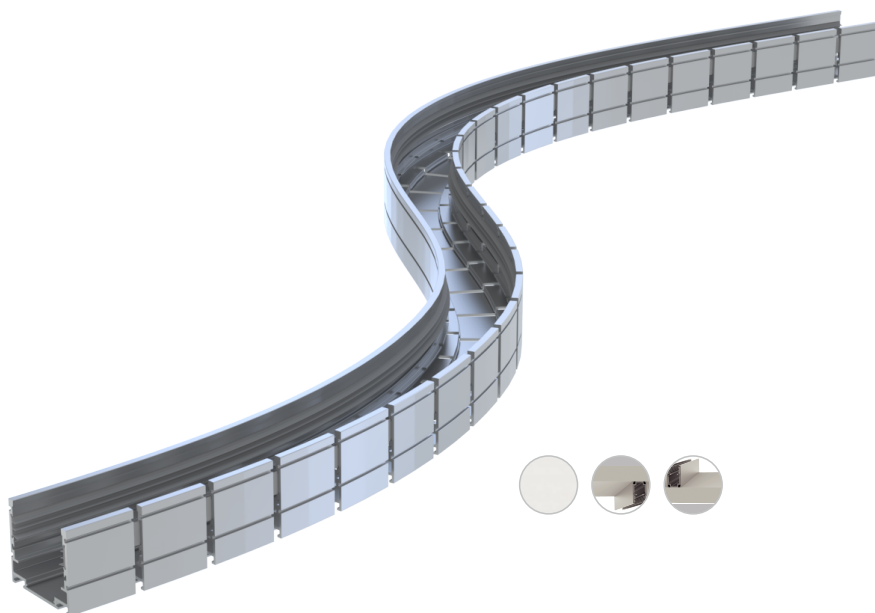
FXN – 3525 – SA/PL – 500MM – AL – H50

Available Lengths:

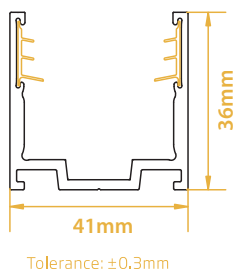
1000mm, 1750mm, 2000mm

FXN 3525 | FLEXIBLE NEON MOUNTING PROFILES

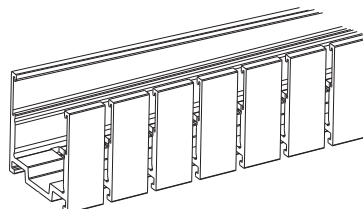
Bendable Serrated Aluminium Profile HB



Dimensions: mm



FXN – 3525 – BSA/PL – 500MM – AL – HB



Available Lengths:

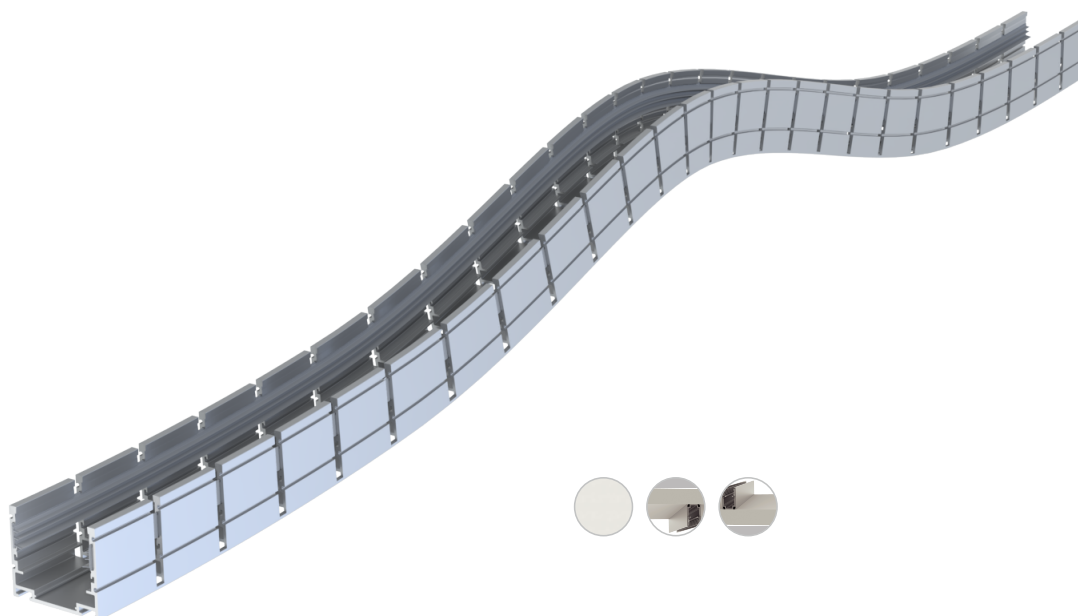
50mm, 500mm, 1000mm, 2000mm

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

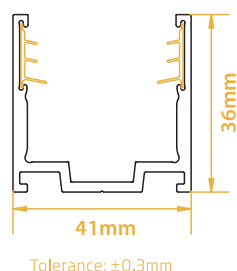
FXN 3525 | FLEXIBLE NEON

MOUNTING PROFILES

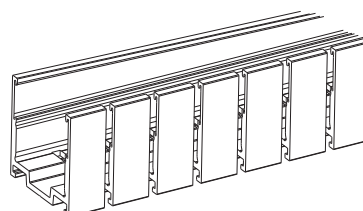
Bendable Serrated Aluminium Profile VB



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 Anole Profile



30+
Times
Clamping Force



Kids
Friendly



Solvents
Resistant



Saltwater
Resistant



UV
Resistant



Flame
Resistant

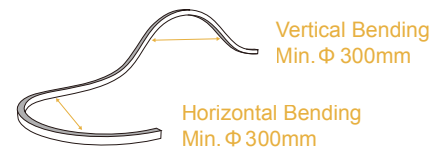
FXN - 2219 - BA/PL - 200MM - A
FXN - 2219 - BA/PL - 500MM - A
FXN - 2219 - BA/PL - 1000MM - A

APPEARANCE COLOR

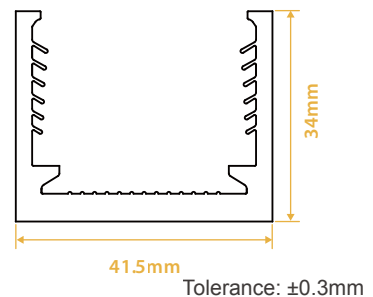


Standard

Custom



Dimension



Standard Length

200mm, 500mm, 1000mm

Installation Methods



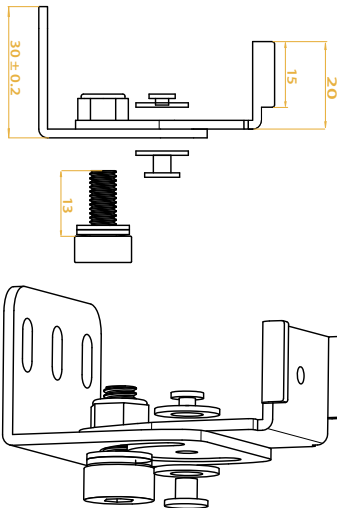
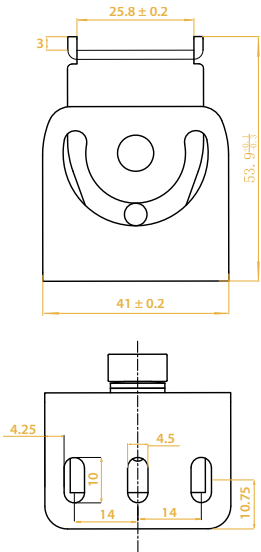
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BRACKETS

Adjustable Mounting Bracket



Dimensions: mm



FXN – 3525 – B – AM

- * 180° Rotation
- * 304 Stainless Steel

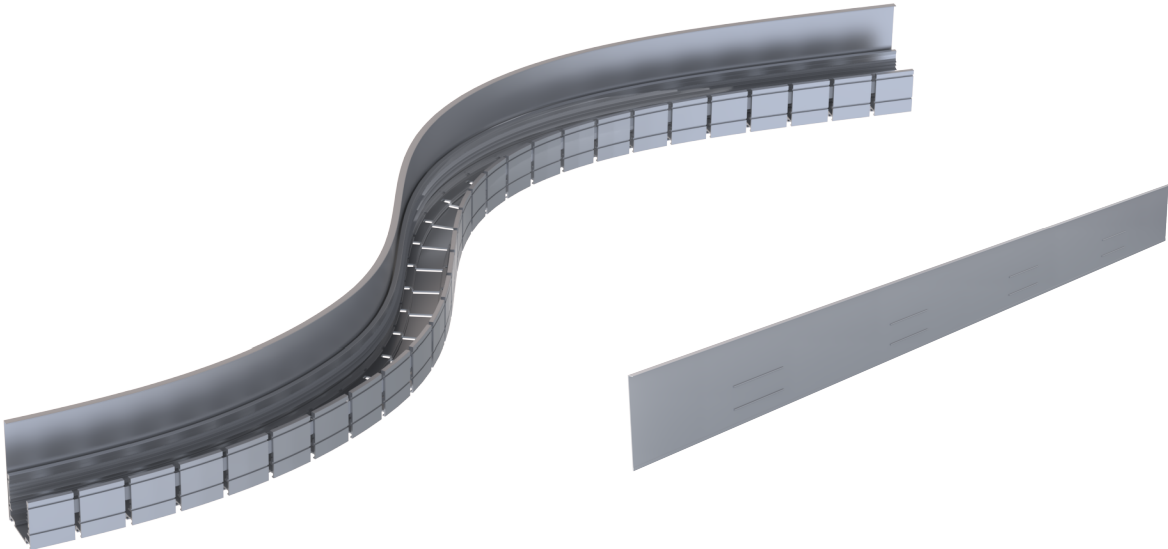
Note – Its rotation angle will be restricted if the bracket is applied to the bending profile.

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SHIELD

Bendable Aluminium Glare Shield



Dimensions: mm



FXN – 3525 – S – BAG

Min. Bending Diameter 1200mm

Available Lengths: 1000mm, 2000mm

Note – it's not suitable for the vertical bending profile.

