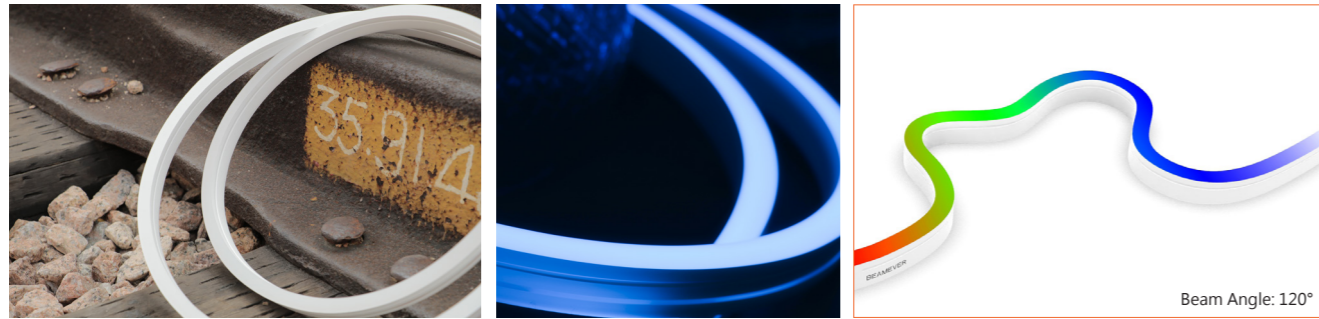Beamever

LINIO NEON 1220 SV RGBW

IP67 protection with high performance silicone, UV resistant, solvents resistant. Seamless line in 30Mtrs roll.

One BIN Only to ensure perfect color consistency

Beameuer

Beam Angle: 120°

LINIO NEON 1220 SV RGBW

-Side view, with horizontal bending with radius of 120mm/4.72".
-DC24V, and the cross section size 12mm x 20mm /0.47" x 0.79" (W x H).
-IP67 protection, great silicone, UV resistant, and solvents resistant.
-30m/reel(98.43ft/reel) maximum. Max. Run length refers to single side feed in serial connection.
-Easy to be cut and reconnected to meet different project sites.
-Custom length and other customized services are available when you need.
-Let you to create bolder and more vivid colors than with RGB alone. 4-in-1.

Product Benefits:
-Offers the best homogeneous and flawless luminance to each corner shined.
-Durable and trustful as a long-term application to save your time and costs.
-Well-designed, and 'green-energy' to stay healthy and beautiful all the time.

Bending Diameter
240mm(9.45")

300mm(11.81")　　5000mm(196.85")　　300mm(11.81")

12mm(0.47")
20mm(0.78")
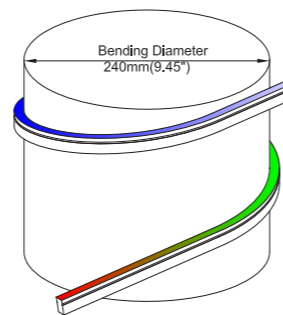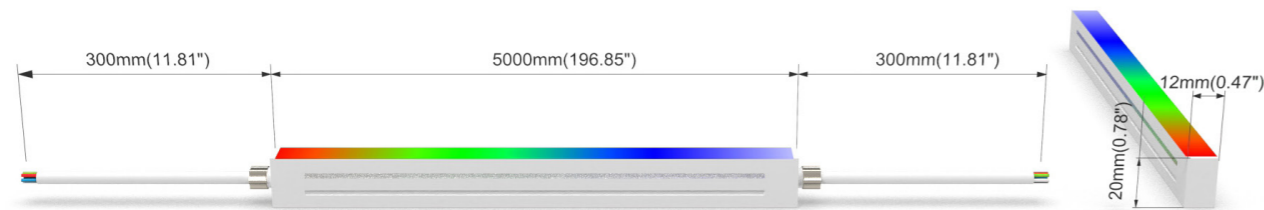
Electrical data

Voltage	DC24V (23.5V_{min}, 24.5V_{max})
LED PIN Temperature	Max. 65℃ /149°F
Storage Temperature	-25℃ /-13°F$_{min}$, 60℃ /140°F$_{max}$
Ambient Temperature	Ta$_{min}$=-25℃ /-13°F; Ta$_{max}$=35℃ /95°F@4.57W
	Ta$_{max}$=55℃ /131°F@1.14W(Single Color)
Power(W/ft)	4.57
Efficacy (lm/W)	21lm/W@RGBW40 4.57W

CCT	Lumen/ft	Max. Watt (W/ft)	Max. Run Length (ft)	Cut Increments (inch)
R	11	1.14	32.80	4.92
G	33	1.14	32.80	4.92
B	10	1.14	32.80	4.92
W27	37	1.14	32.80	4.92
W40	41	1.14	32.80	4.92
W53	38	1.14	32.80	4.92
RGBW40	95	4.57	32.80	4.92
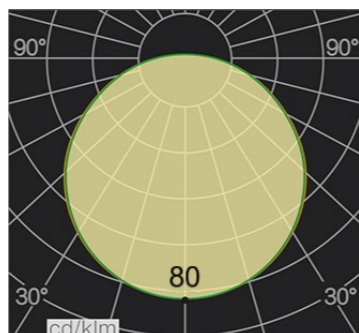
Important notice
-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
-The given color temperature is neon flex (after extrusion) color temperature.
-Standard cable length is 30cm/11.81", if longer cable required, please contact us.
-Male and female connectors are available if needed.
-It is IK08 rated. Please use protection materials if it is walk over application.

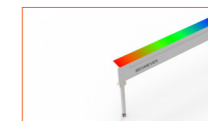UV-resistant　Waterproof IP67　30m/reel (98.43ft/reel) available

Solvent-resistant　Life span> 30000H　One Bin Only

90° 90°
30° 30°
80
cd/klm

UL　CE　RoHS　REACH

Order code

SERIES NAME	COLOR	LENGTH	POWER	CABLE ENTRY
LN1220SV RGBW	27= 2700K	4.92"-1181.10"	457=4.57W	F=FRONT
	40= 4000K			S=SIDE
	53= 5300K			B=BOTTOM

Example: LN1220SV RGBW27-98.43-457-F: LINIO NEON 1220 SV RGBW, W=2700K , 98.43"/reel, 4.57W/ft, Front cable entry.

Front Cable Entry
Suitable for power feed in or straight connection. Do not bend down or aside too sharp.
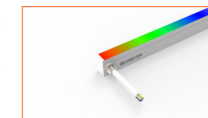
Side Cable Entry
It can achieve perfect seamless light connection if the cabling space is allowed on the side.

Bottom Cable Entry
It can achieve perfect seamless light connection if the cabling space is allowed from the bottom.

Accessories

Art.#	Description	Picture	Art.#	Description	Picture
SC002	1m/3.28ft anodized aluminium channel for LINIO NEON 1220 SV		MF022	Extension connectors, 1m/3.28ft IP67, 5PIN	
M0003	Stainless steel clip		MF023	Extension connectors, 5m/16.40ft IP67, 5PIN	
E0012	End cap with 30cm/11.81" cable 5PIN for LINIO NEON 1220 SV RGBW (Front / side /bottom cable entry)		XLG-150-24-A	PSU 24V/150W IP67, Non-dimmable, White, 100-305V supply	
E0009	Closed end cap for LINIO NEON 1220 SV RGBW		ELG-150-24B	PSU 24V/150W IP67, 3 in 1 dimming function, White, 100-305V supply	
G0002	Silicone glue		ELG-150-24DA	PSU 24V/150W IP67, DALI control technology, White, 100-305V supply	
MF021	Male and female connectors, 30cm/11.81" IP67, 5PIN		M4+M4-3A	RF Controller 288W DC24V, 3A*4Channel, Max 12A IP20, Support remote control	

Wiring connection

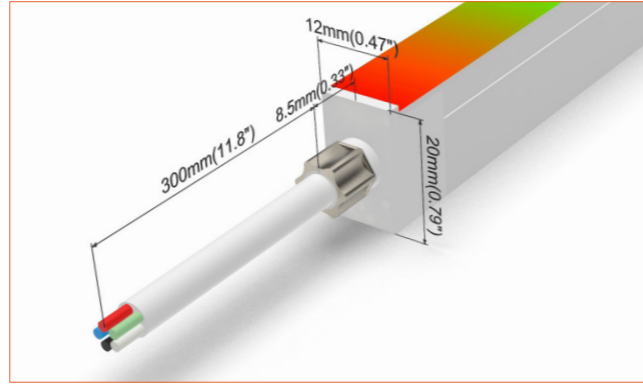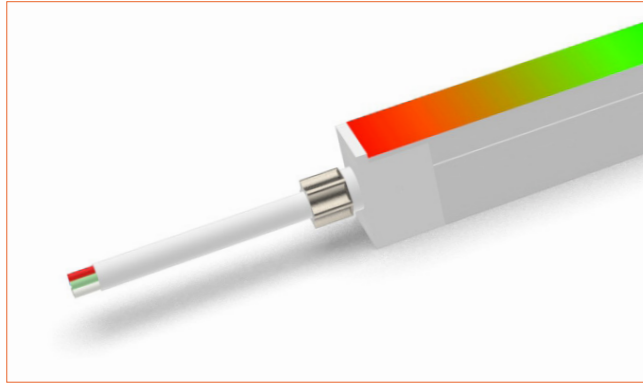AC　POWER SUPPLY　DC 24V
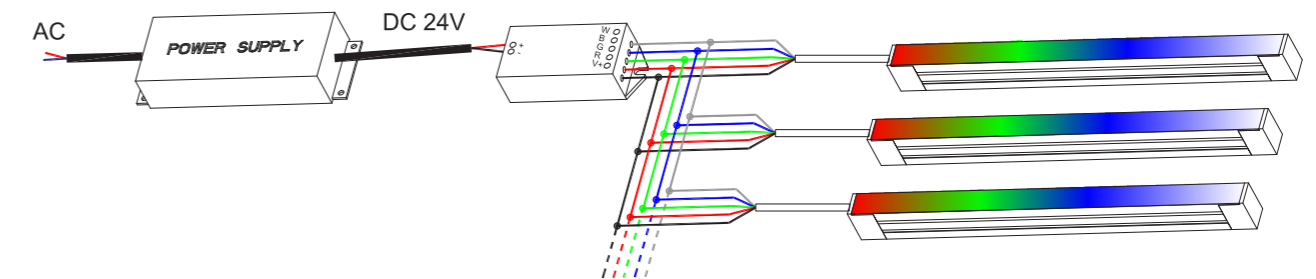
Application
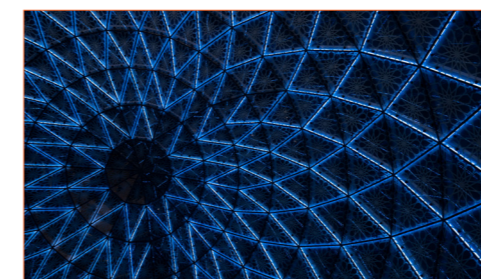
Where to use the product?
LINIO NEON 1220 SV RGBW lets you unlock many more colors through creative color mixing. DMX512 control system manipulates great programs, luminaires, and devices.
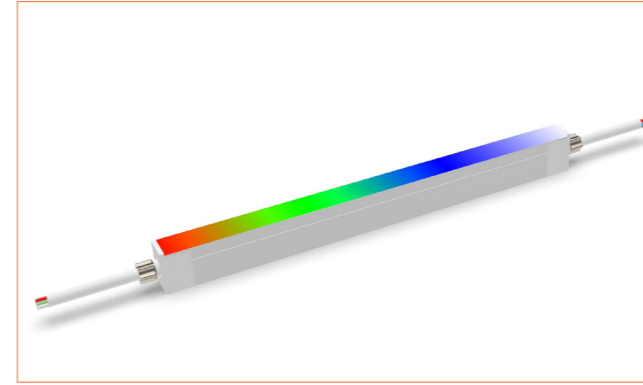
As a fantastic product, it is particularly for architectural lighting, residential lighting, decorative lighting, and any places that need light up. For example, you apply LINIO NEON 1220 SV RGBW in an airport, to shine up the whole space to become highly commercial, public, and high-end.

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Front Cable Entry
Suitable for power feed in or straight connection. Do not bend down or aside too sharp.
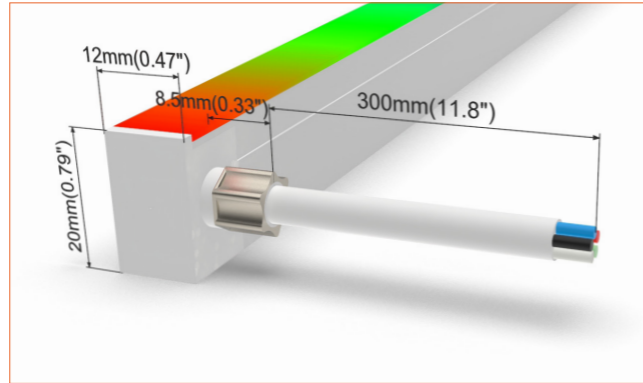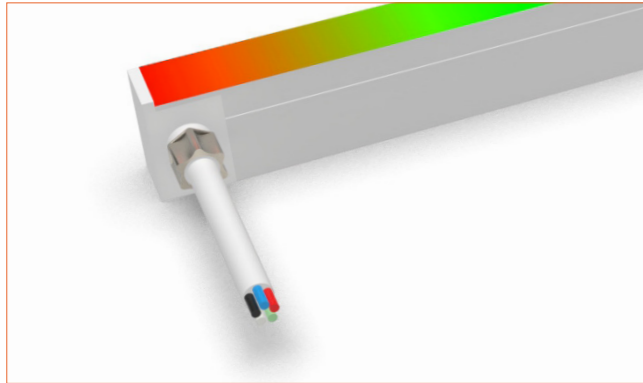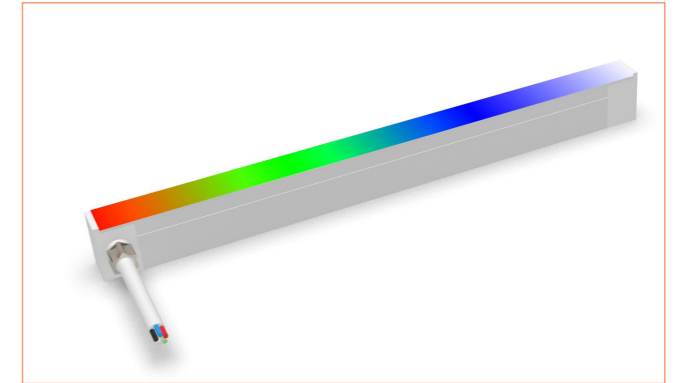
12mm(0.47")
8.5mm(0.33")
300mm(11.8")
20mm(0.79")

Side Cable Entry
It can achieve perfect seamless light connection if the cabling space is allowed on the side.

12mm(0.47")
8.5mm(0.33")
300mm(11.8")
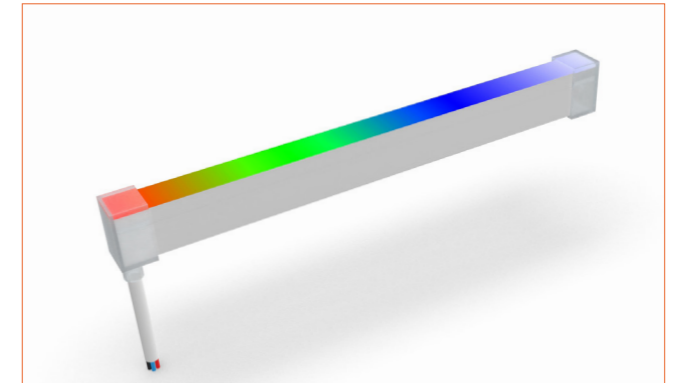20mm(0.79")

Bottom Cable Entry
It can achieve perfect seamless light connection if the cabling space is allowed from the bottom.

12mm(0.47")
20mm(0.79")
8.5mm(0.33")
300mm(11.8")

Closed end cap
Elegant injecting closed end cap in same size as neon flex body.

12mm(0.47")
2mm(0.08")
20mm(0.79")

Front double wire end: 30cm/11.81" cable from two ends, front cable entry.

Front single wire end: 30cm/11.81" cable from one end, front cable entry.
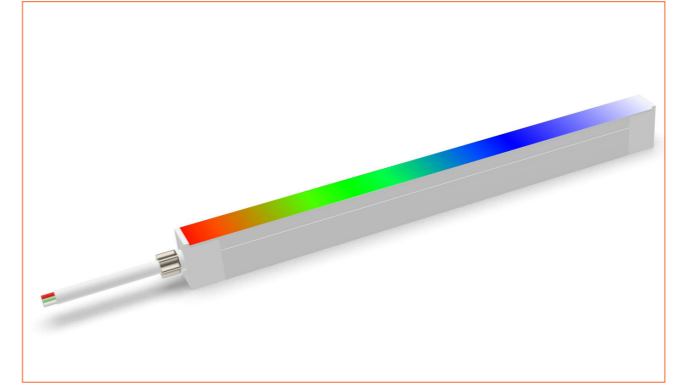
Side double wire end: 30cm/11.81" cable from two ends, side cable entry.
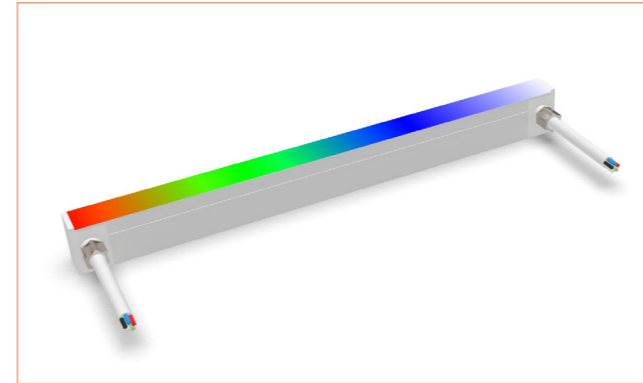
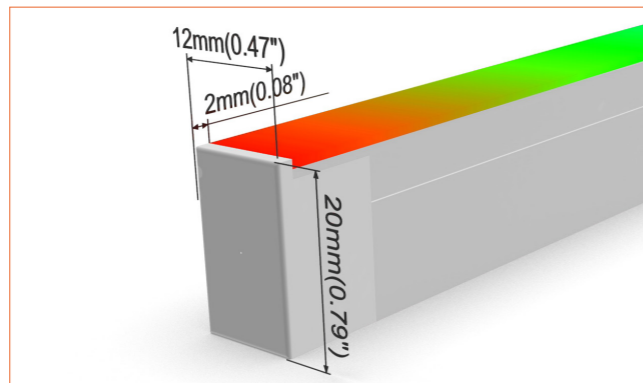**Side single wire end:** 30cm/11.81" cable from left one only (side cable entry), other end with closed end cap.
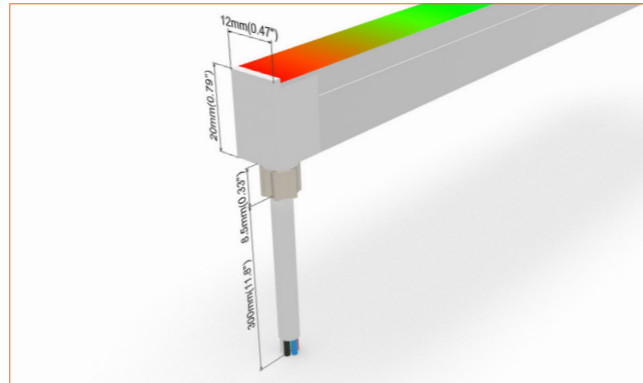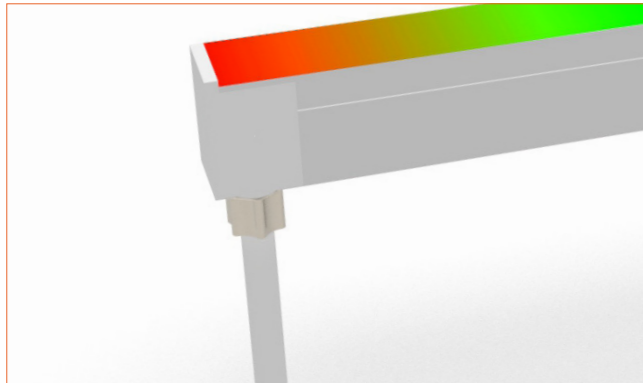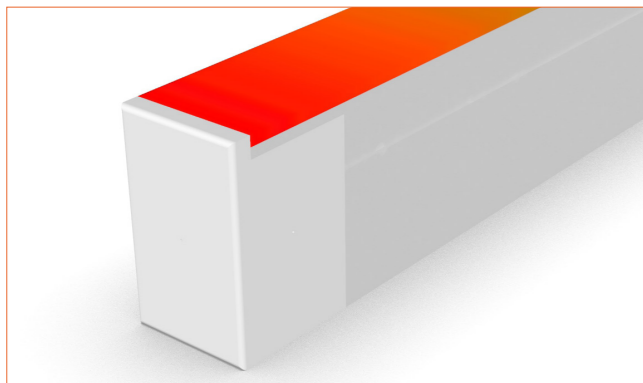
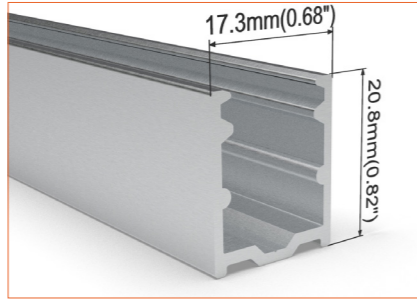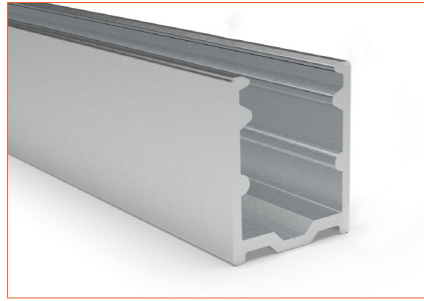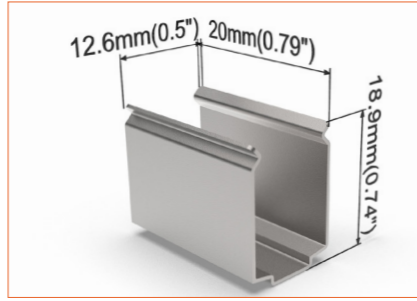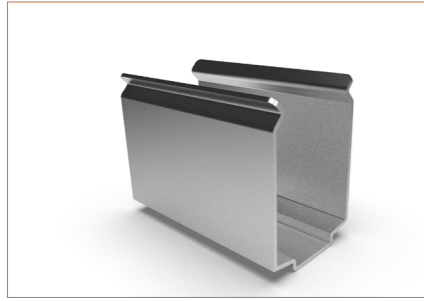**Bottom double wire end:** 30cm/11.81" cable from two ends, bottom cable entry.
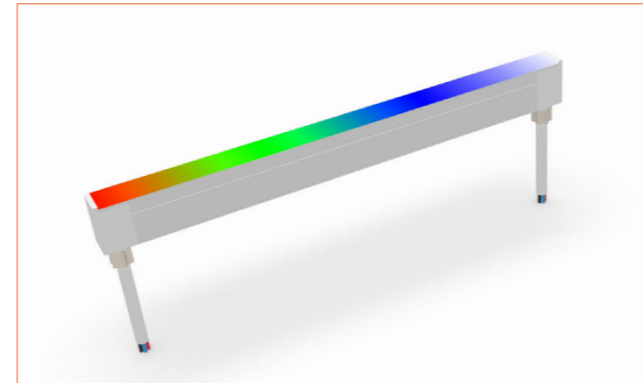
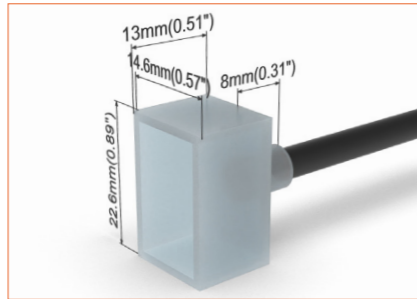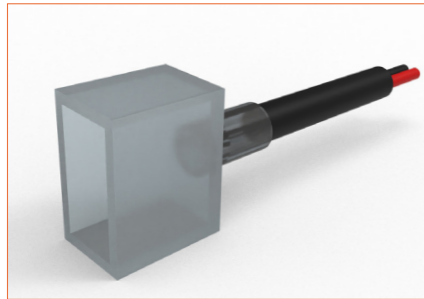**Bottom single wire end:** 30cm/11.81" cable from left one only (bottom cable entry), other end with closed end cap.

SC002
Straight aluminium channel
Length 1mtr/3.28ft

17.3mm(0.68")
20.8mm(0.82")

M0003
Stainless steel mounting clip

12.6mm(0.5") 20mm(0.79")
18.9mm(0.74")

E0012
End cap with 30cm/11.81" cable

13mm(0.51")
14.6mm(0.57") 8mm(0.31")
22.6mm(0.89")

E0009
Closed end cap

12.5mm(0.49")
14.6mm(0.57")
22.6mm(0.89")

Beamever