

71311x5x LINEARFLOW INGROUND FLEX RGBW

PRODUCT SUMMARY

LINEARFLOW INGROUND FLEX RGBW is an innovative rigid in-ground lighting solution with quad-chip LEDs designed for high-traffic environments and areas exposed to water. The flex version can be bend bent horizontally, vertically or sometimes both.

By seamlessly integrating a LED strip, continuous reinforced silicone diffuser cover and metal raceway profiles into a single system, it delivers exceptional durability, waterproof performance, and impact resistance.

Available in three channel options suitable for walk over to 30T driver over installations, LINEARFLOW INGROUND can be specified with confidence for everything from pedestrian walkways and plazas to roads, driveways, and other heavy-duty applications.

RGBW



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Silicone



ENVIRONMENT



Ambient Working Temperature
12W/m -40~55°C

Ambient Installation Temperature
≥-40°C

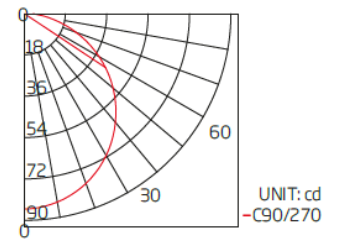
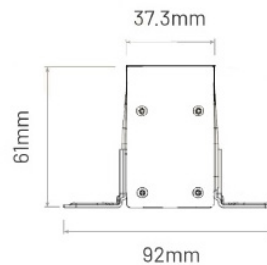
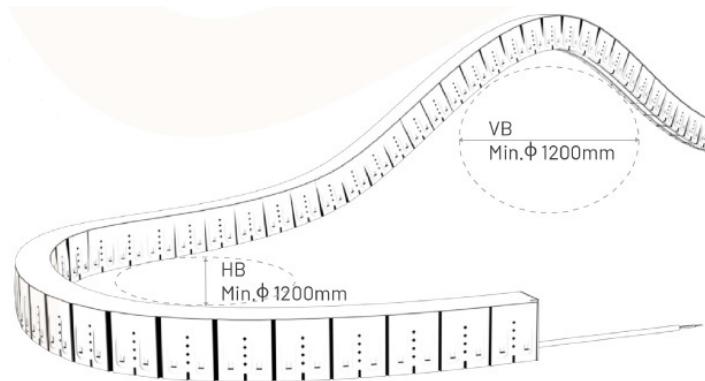
Max. Mounting Surface Temperature
85°C

COLOURS AVAILABLE



Supply Voltage
DC24V

STAINLESS STEEL CHANNEL



AVERAGE BEAM ANGLE (50%) : 115°



Stamp On

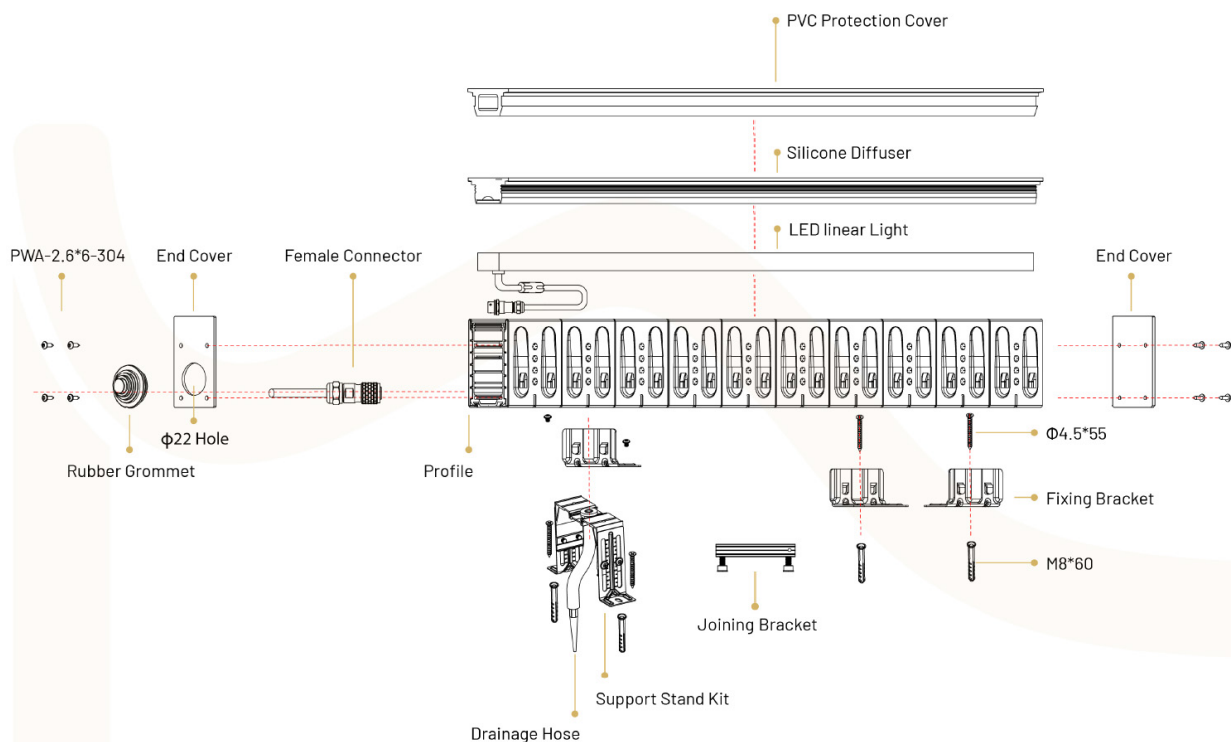


2.5T Drive over



IK10 Protection

SYSTEM ASSEMBLY



Light Projects specifications are liable to be changed without notice.

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LED PROFILE EXAMPLE SPECIFICATION

71311155-RGB27-W-0833-C0B0

LINEARFLOW INGROUND FLEX RGBW, White Silicone Outer Casing, Vertical Bend, 13.5W/m LEDs, CRI 80+ RGB + 2700K at 833mm Cut Length, Single Ended Wiring with Injection Moulded End Caps,

Total Length (+ End Caps) = 833mm, Light Emitting Surface Length = 833mm (10 x 83.3mm LED Modules), Strip wattage = 11.3W (10 x 1.13W Module Power), Strip output = Up to 275lm.

END1 = IP68 Injection Moulded End Feed Cap with 0.3m Cable

END2 = IP68 Injection Moulded Dead End Cap with NO Cable

PRODUCT CODE EXAMPLE : 71301 1 5 5 - RGB27- W - 0833 - C 0 B 0

BEND DIRECTION	VERTICAL BEND	HORIZONTAL BEND
CODE	1	2

STRIP POWER (W/m)	Bend Direction	LED Module length (mm)	Module Power (W)	CODE
15	Horizontal	83.3	1.25	6
13.5	Vertical	83.3	1.13	5

COLOUR MIX	CCT (K) WITH INGROUND DIFFUSER	CRI	Lumen Output / Wattage (lm/m)	CODE
			12W	
RGB + 2700K	Red	80+	45	RGB27
	Green		145	
	Blue		20	
	2700		120	

CUT LENGTH		
LED Wattage	15W	13.5W
Minimum (mm)	83.3	
Maximum (mm) (With power from one end)	8,000	
CODE (Example with 10 Modules + End Caps)	0833	0833

END 1 CAP	Injection Cap Dead End	Injection Cap End Feed	Injection Cap Rear Feed	Injection Cap Left Feed	Injection Cap Right Feed
CODE	B	C	D	E	F

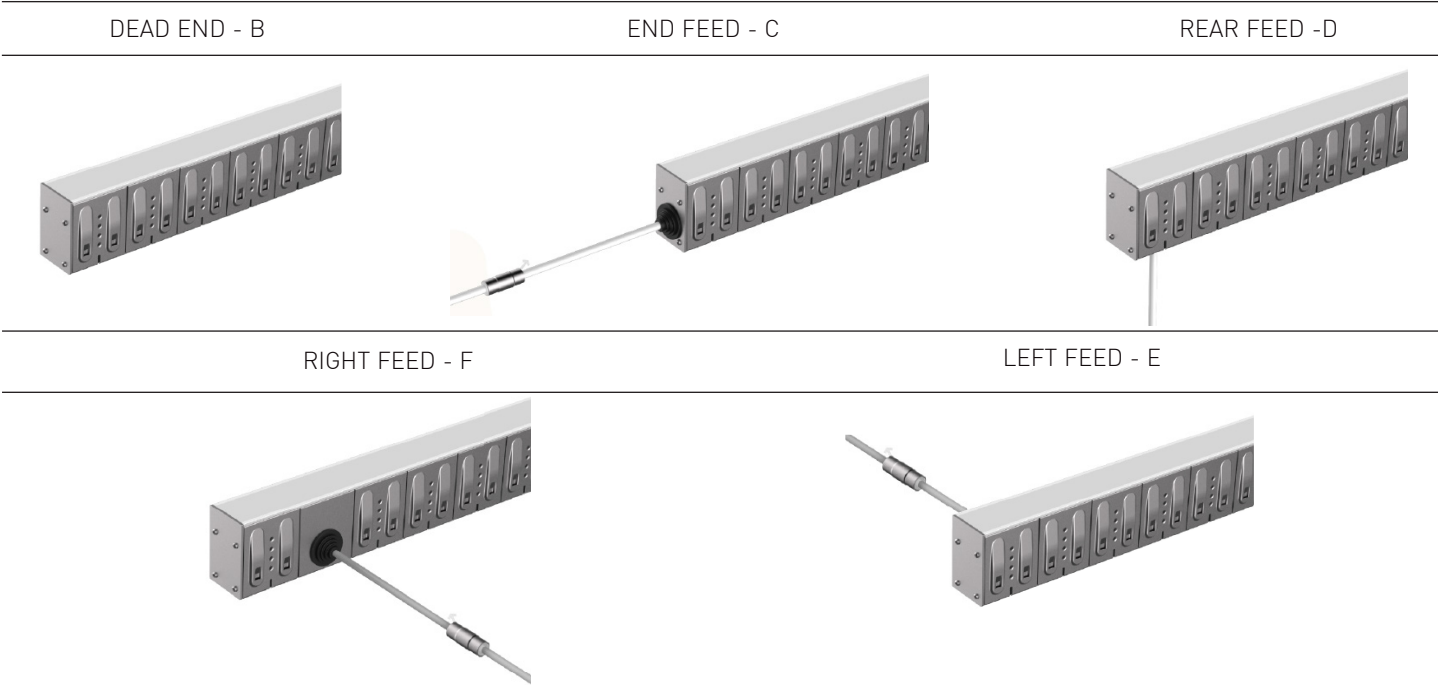
END 1 CABLE	0 / 0.3m	1m	3m	5m	10m	15m	20m
CODE	0	1	3	5	10	15	20

END 2 CAP	Injection Cap Dead End	Injection Cap End Entry	Injection Cap Rear Entry	Injection Cap Left Entry	Injection Cap Right Entry
CODE	B	C	D	E	F

END 2 CABLE	0 / 0.3m	1m	3m	5m	10m	15m	20m
CODE	0	1	3	5	10	15	20

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CABLE ENTRIES



ACCESSORIES

STAINLESS STEEL HOUSING CHANNEL



- x stainless steel housing channel
- Lengths Available 500/1000
- Stainless steel housing silicone diffuser /m (Max 10m)
- Stainless steel housing protective pvc cover /m (Max 30m)(for installation only)
- 2mm stainless steel plain end cap
- 2mm stainless steel cable end cap
- Silicone Cover Locking bracket
- Rubber Grommet

XXXX - Specify Length in mm

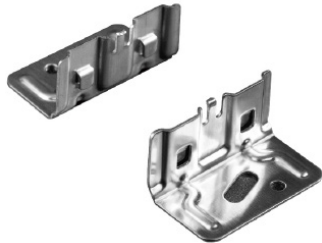
PART NUMBER
71319210-XXXX
71319500-XXXX
71319510-XXXX
71319220
71319221
71319222
71319260

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ACCESSORIES

STAINLESS STEEL FIXING BRACKET

PART NUMBER 71319241



SUPPORT STAND KIT

PART NUMBER 71309240



Min Height = 60mm
Max Height = 120mm

ALUMINIUM STRAIGHT JOINING BRACKET

PART NUMBER 71319230



PLUG AND PLAY CABLE CONNECTOR - INCLUDED STANDARD



Field Installable female connector + 500mm Cable
(Alternate cable lengths available upon request)

PART NUMBER
71309170-0500

SIDE CABLE FEED PROFILE

PART NUMBER 71319223



POWER SUPPLIES AND DIMMERS

A comprehensive range of remote power supplies is available for full LEDBar range.

Constant Voltage: 24Vdc

Dimming options: Switch, Phase, 1-10V, DALI, DMX and Casambi

Exterior and interior versions available

[Please click here for LEDBar Power Supply sheet with full product offering](#)