

PRODUCT SUMMARY

LINEARFLOW INGROUND RGBW is an innovative rigid in-ground lighting solution with quad-chip LEDs designed for high-traffic environments and areas exposed to water. By seamlessly integrating an 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



7130115x LINEARFLOW INGROUND RGBW



Silicone



ENVIRONMENT



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

Ambient Installation Temperature
≥-40°C

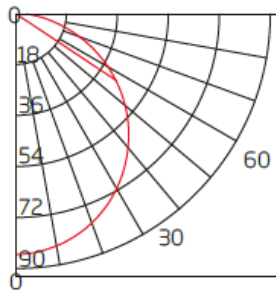
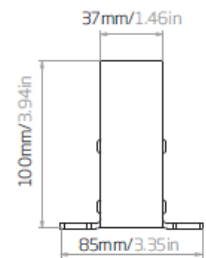
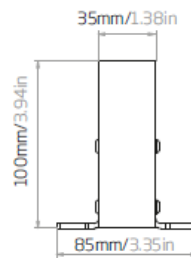
Max. Mounting Surface Temperature
85°C

COLOURS AVAILABLE



Supply Voltage
DC24V

STAINLESS STEEL CHANNEL



UNIT: cd
-C90/270

AVERAGE BEAM ANGLE (50%) : 115°



Stamp On



7T Drive over



IK10 Protection

2mm thickness stainless steel



Stamp On



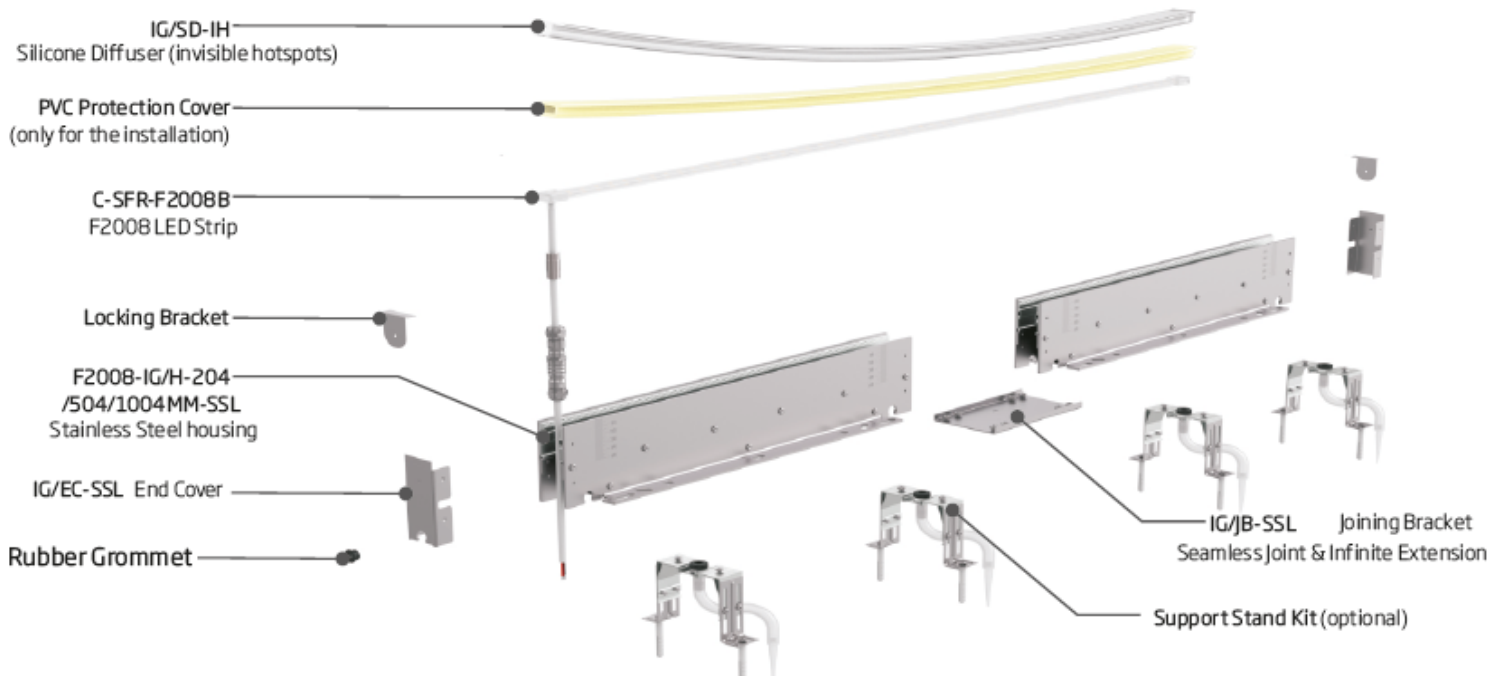
30T Drive over



IK10 Protection

3mm thickness stainless steel

SYSTEM ASSEMBLY



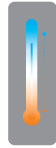
7130115x CONTOUR INGROUND RGBW



Silicone



ENVIRONMENT



Ambient Working Temperature

12W/m -40~55°C

Ambient Installation Temperature

≥-40°C

Max. Mounting Surface Temperature

85°C

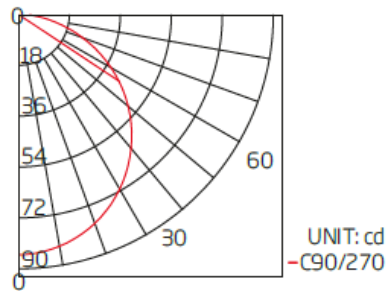
COLOURS AVAILABLE



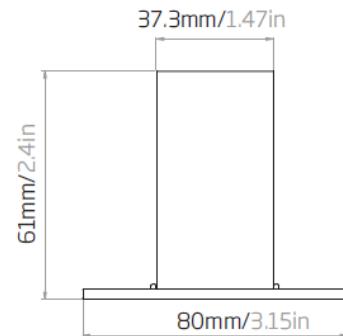
RGBW

Supply Voltage
DC24V

ALUMINIUM CHANNEL



AVERAGE BEAM ANGLE (50%) : 115°



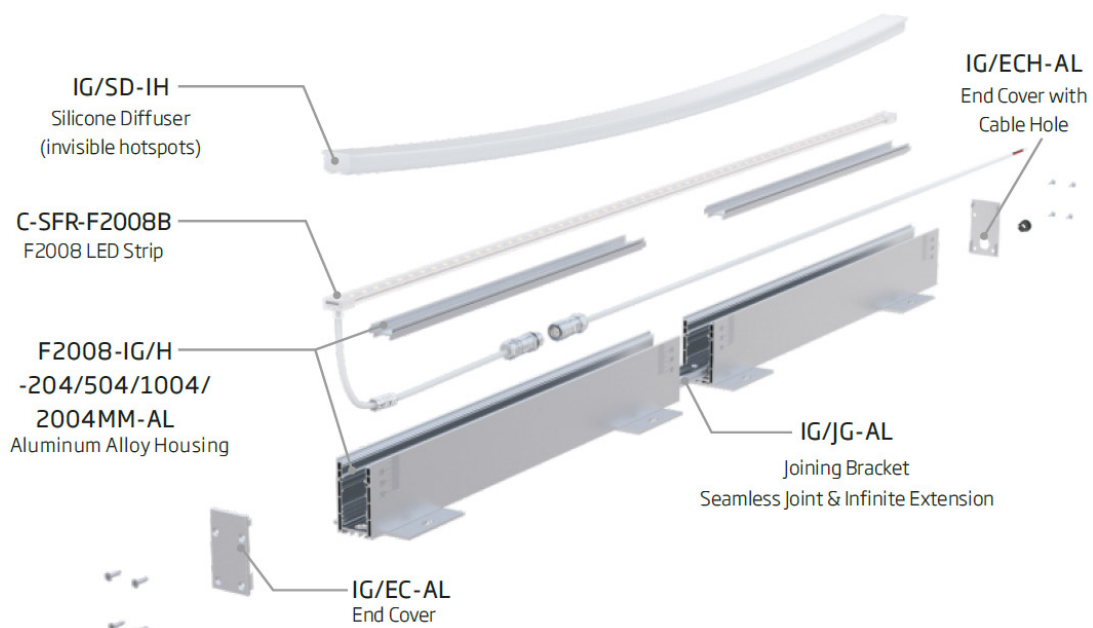
Stamp On



Ride over



IK10 Protection



7130115x LINEARFLOW INGROUND RGBW

LED PROFILE EXAMPLE SPECIFICATION

71301155-8030-W-0833-C0B0

LINEARFLOW INGROUND RGBW IP67, White Silicone Outer Casing, Vertical Bend, 12W/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 = 10W (10 x 1W Module Power), Strip output = Up to 258lm.

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

END2 = IP68 Injection Moulded Dead End Cap with NO Cable

PRODUCT CODE EXAMPLE : 7130115 5 - RGB27- W - 0833- C 0 B 0

STRIP POWER (W/m)	LED Module length (mm)	Module Power (W)	CODE
12	83.3	1	5

COLOUR MIX	CCT (K) WITH INGROUND DIFFUSER	CRI	Lumen Output / Wattage (lm/m)	CODE
			12W	
RGB + 2700K	Red	80+	45	RGB27
	Green		130	
	Blue		20	
	2700		115	
RGB + 3000K	Red		45	RGB30
	Green		130	
	Blue		20	
	3000		115	
RGB + 3500K	Red		45	RGB35
	Green		130	
	Blue		20	
	4000		115	

CUT LENGTH	
LED Wattage	12W
Minimum (mm)	83.3
Maximum (mm) (With power from one end)	10,000
CODE (Example with 10 Modules + End Caps)	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

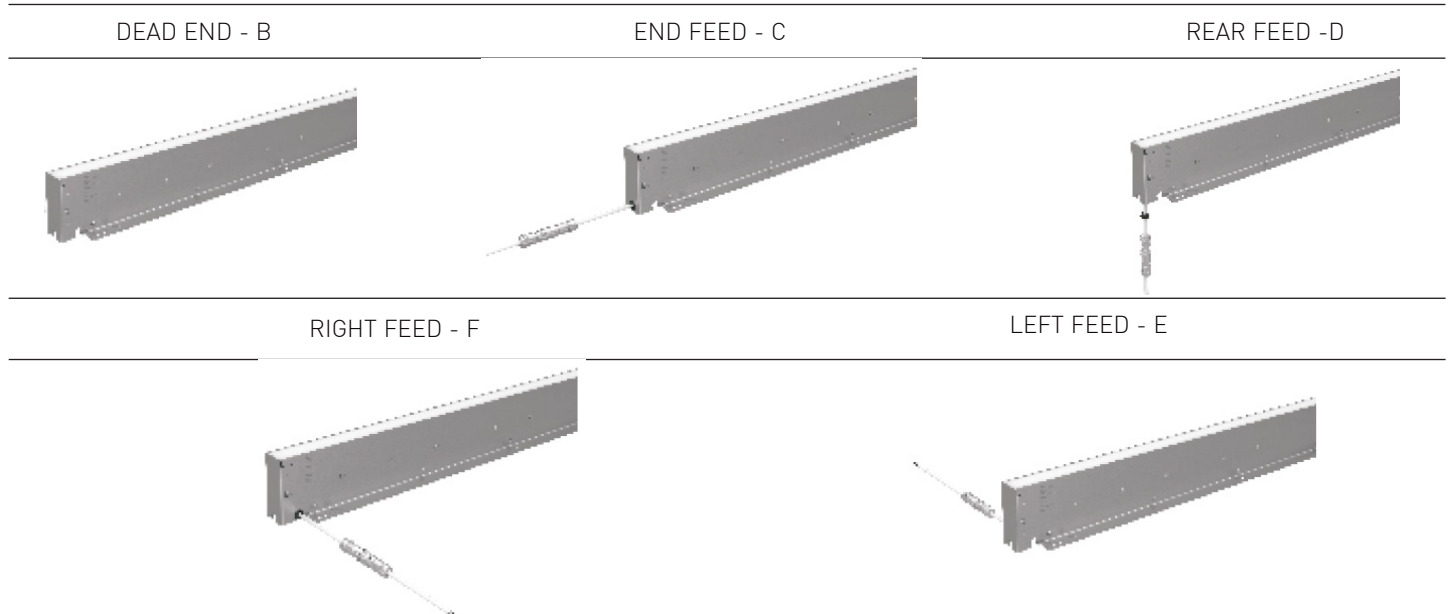
END 1 CABLE	0 / 0.3m	1m	3m	5m	10m	15m	20m
CODE	0	1	3	5	10	15	20

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

7130115x LINEARFLOW INGROUND RGBW

CABLE ENTRIES



ACCESSORIES

STAINLESS STEEL HOUSING CHANNEL



ALUMINIUM HOUSING CHANNEL



XXXX - Specify Length in mm

2mm stainless steel housing channel

3mm stainless steel housing channel

Lengths Available 204/504/1004

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

3mm stainless steel plain end cap

3mm stainless steel cable end cap

Silicone Cover Locking bracket

Rubber Grommet

PART NUMBER

71309210-XXXX

71309310-XXXX

71309500-XXXX

71309510-XXXX

71309220

71309221

71309320

71309321

71309222

71309260

Aluminium housing channel

Lengths Available 204/504/1004

Aluminium housing silicone diffuser /m (Max10m)

Aluminium housing protective pvc cover /m (Max 30m) (for installation only)

Aluminium housing plain end cap

Aluminium housing cable end cap

Silicone Cover Locking bracket

Rubber Grommet

PART NUMBER

71309110-XXXX

71309150-XXXX

71309151-XXXX

71309120

71309121

71309122

71309160

7130115x LINEARFLOW INGROUND RGBW

ACCESSORIES

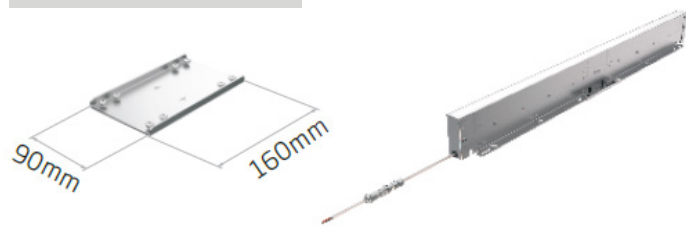
STAINLESS STEEL X JOINING BRACKET

PART NUMBER 71309231



STAINLESS STEEL STRAIGHT JOINING BRACKET

PART NUMBER 71309230



SUPPORT STAND KIT - STAINLESS STEEL CHANNELS ONLY

PART NUMBER 71309240



ALUMINIUM STRAIGHT JOINING BRACKET

PART NUMBER 71309130



PLUG AND PLAY CABLE CONNECTOR - INCLUDED STANDARD



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

PART NUMBER
71309170-0500

ANTI-WICKING FERRULE - INCLUDED STANDARD



The anti-wicking ferrule is designed to lower the risk of water ingress from the cable in case of inadequate waterproof treatment on site.

For underwater application, do not immerse anti-wicking ferrule in the water.

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](#)