

Linear Flex Inground

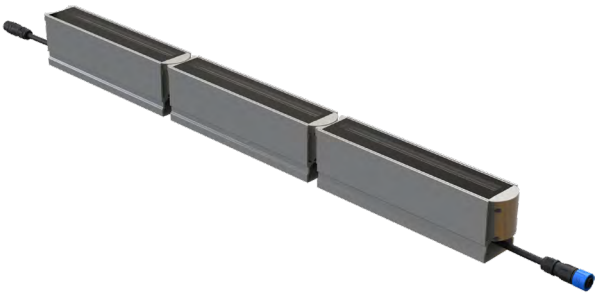
White

181

The Linear Flex Inground delivers ground-level illumination that defines and elevates architectural spaces. This sophisticated inground fixture creates powerful vertical lighting effects that accentuate facades, columns, and curved structural elements with precision and visual impact, perfect for highlighting commercial buildings, historic structures, and landscape features.

Available in multiple lengths with versatile beam options, its robust construction withstands pedestrian environments while the pixel controllable crisp white enable dynamic schemes for creative lighting and experiences.

- ↳ Curved Surface Compatibility – Engineered to follow and illuminate curved architectural elements
- ↳ Heavy-Duty Ground Rating – Built to withstand constant pedestrian and light vehicular traffic



CE

RoHS

IP68

IK08

Specifications

General	
Power Consumption (W/m)	54
Input Voltage (V DC)	24
LEDs (/m)	24
LED Pitch (mm)	40
Pixels (/m)	4
Flicker Frequency (kHz)	0,97
LED Type	Discrete
Channels (/m)	12
Color Range	White
CRI	≥80 (Custom on Request)
Control	DMX
Dimming	16 bit

Physical	
Housing Material	Aluminum (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL9023 (Custom on Request)
Cable Color	Black
Connector Type	M17 5Pin
Weight (kg/m)	4,2
Dimensions WxH (mm)	50 x 62
Length (mm)	280 / 560 / 840 / 1120

Installation Conditions & Lighting Data		
Minimum Bending Radius ¹ (mm)	580	
Maximum Run Length Power ¹ (m)	6	
Maximum Run Length Data ¹ (m)	@45fps	43
Delivered Lumen Full White (lm)		
Lumen Maintenance Calculated Hours (h)	L70B10 50,000	

¹ More details can be found in the Installation Guide document.

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +60
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	CE, RoHS
Warranty	3 Years

Options

Color/CCT	
☐ 2700K	☐ 5000K
☐ 3000K	☐ 5700K
☐ 4000K	☐ 6500K

Optics	
☐ 12°	☐ 60°
☐ 15°	☐ 12°x22°
☐ 25°	☐ 15°x40°
☐ 45°	☐ 30°x60°

Lighting Specifications

Linear Flex Inground

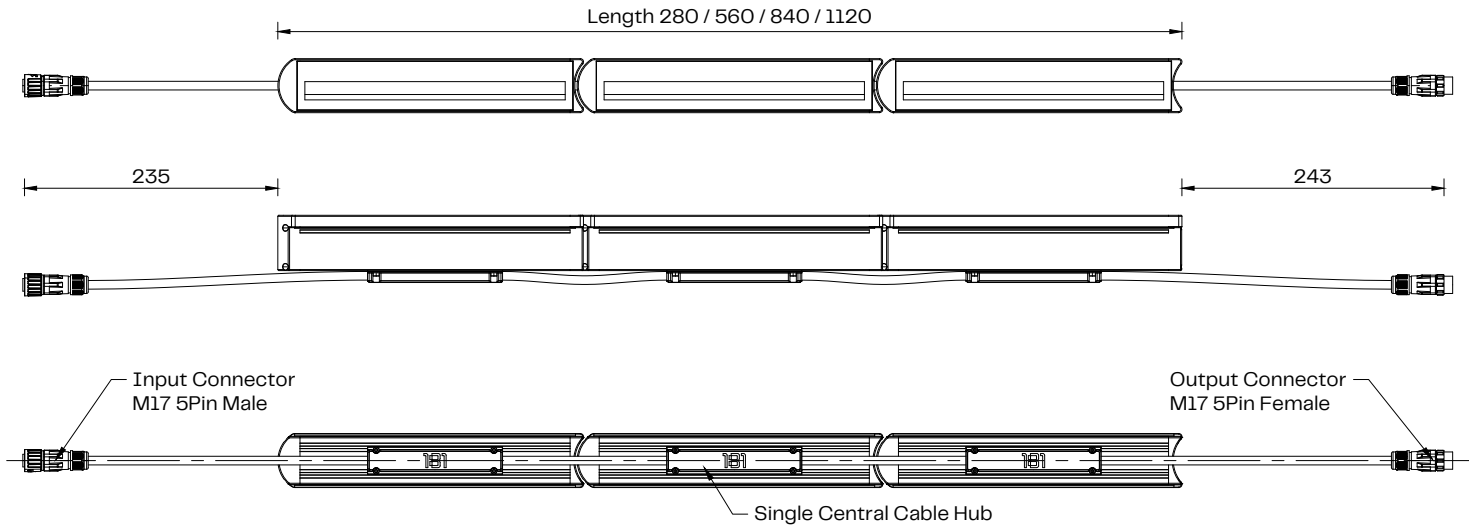
	Full White (lm/m)
2700K 12°	
2700K 15°	
2700K 25°	
2700K 45°	
2700K 60°	
2700K 12°x22°	
2700K 15°x40°	
2700K 30°x60°	
3000K 12°	
3000K 15°	
3000K 25°	
3000K 45°	
3000K 60°	
3000K 12°x22°	
3000K 15°x40°	
3000K 30°x60°	
4000K 12°	
4000K 15°	
4000K 25°	
4000K 45°	
4000K 60°	
4000K 12°x22°	
4000K 15°x40°	
4000K 30°x60°	

	Full White (lm/m)
5000K 12°	
5000K 15°	
5000K 25°	
5000K 45°	
5000K 60°	
5000K 12°x22°	
5000K 15°x40°	
5000K 30°x60°	
5700K 12°	
5700K 15°	
5700K 25°	
5700K 45°	
5700K 60°	
5700K 12°x22°	
5700K 15°x40°	
5700K 30°x60°	
6500K 12°	
6500K 15°	
6500K 25°	
6500K 45°	
6500K 60°	
6500K 12°x22°	
6500K 15°x40°	
6500K 30°x60°	

Photometric Distribution

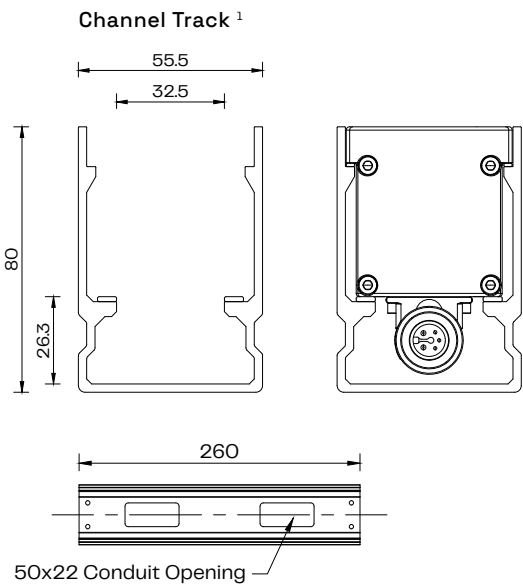
Dimensions

Linear Flex Inground White¹



¹ The dimensions shown are not to scale. Please refer to the Dimensions Sheet document for additional dimensions.

Profile Specification



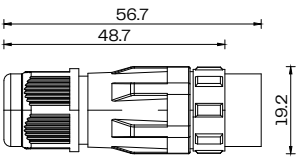
Physical

Profile Material	Aluminum Alloy 6063
Aluminum Profile Finish	Blank Anodized

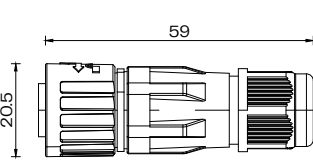
¹ The Linear Flex Inground includes the Channel Track.

Connection

M17 Female Connector



M17 Male Connector



Connector Pin

Pin 1	Red	24 V+
Pin 2	Green	Data +
Pin 3	White	Program
Pin 4	Yellow	Data -
Pin 5	Black	GND

Product References

Linear Flex Inground

Reference	Description
3452551	Linear Flex Inground 2700K 12°
3452557	Linear Flex Inground 2700K 15°
3452563	Linear Flex Inground 2700K 25°
3452569	Linear Flex Inground 2700K 45°
3452575	Linear Flex Inground 2700K 60°
3452581	Linear Flex Inground 2700K 12°x22°
3452587	Linear Flex Inground 2700K 15°x40°
3452593	Linear Flex Inground 2700K 30°x60°
3452552	Linear Flex Inground 3000K 12°
3452558	Linear Flex Inground 3000K 15°
3452564	Linear Flex Inground 3000K 25°
3452570	Linear Flex Inground 3000K 45°
3452576	Linear Flex Inground 3000K 60°
3452582	Linear Flex Inground 3000K 12°x22°
3452588	Linear Flex Inground 3000K 15°x40°
3452594	Linear Flex Inground 3000K 30°x60°
3452553	Linear Flex Inground 4000K 12°
3452559	Linear Flex Inground 4000K 15°
3452565	Linear Flex Inground 4000K 25°
3452571	Linear Flex Inground 4000K 45°
3452577	Linear Flex Inground 4000K 60°
3452583	Linear Flex Inground 4000K 12°x22°
3452589	Linear Flex Inground 4000K 15°x40°
3452595	Linear Flex Inground 4000K 30°x60°
3452554	Linear Flex Inground 5000K 12°
3452560	Linear Flex Inground 5000K 15°
3452566	Linear Flex Inground 5000K 25°
3452572	Linear Flex Inground 5000K 45°
3452578	Linear Flex Inground 5000K 60°
3452584	Linear Flex Inground 5000K 12°x22°
3452590	Linear Flex Inground 5000K 15°x40°
3452596	Linear Flex Inground 5000K 30°x60°
3452555	Linear Flex Inground 5700K 12°
3452561	Linear Flex Inground 5700K 15°
3452567	Linear Flex Inground 5700K 25°
3452573	Linear Flex Inground 5700K 45°
3452579	Linear Flex Inground 5700K 60°
3452585	Linear Flex Inground 5700K 12°x22°
3452591	Linear Flex Inground 5700K 15°x40°
3452597	Linear Flex Inground 5700K 30°x60°
3452556	Linear Flex Inground 6500K 12°
3452562	Linear Flex Inground 6500K 15°
3452568	Linear Flex Inground 6500K 25°
3452574	Linear Flex Inground 6500K 45°
3452580	Linear Flex Inground 6500K 60°
3452586	Linear Flex Inground 6500K 12°x22°
3452592	Linear Flex Inground 6500K 15°x40°
3452598	Linear Flex Inground 6500K 30°x60°