

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 crisp tunable white capabilities enable dynamic color schemes for creative lighting 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	Tunable 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	
<input type="checkbox"/> 2700K-4000K	<input type="checkbox"/> 3000K-6000K
<input type="checkbox"/> 2700K-6500K	<input type="checkbox"/> 4000K-6500K
<input type="checkbox"/> 3000K-5000K	

Optics	
<input type="checkbox"/> 12°	<input type="checkbox"/> 60°
<input type="checkbox"/> 15°	<input type="checkbox"/> 12°x22°
<input type="checkbox"/> 25°	<input type="checkbox"/> 15°x40°
<input type="checkbox"/> 45°	<input type="checkbox"/> 30°x60°

Lighting Specifications

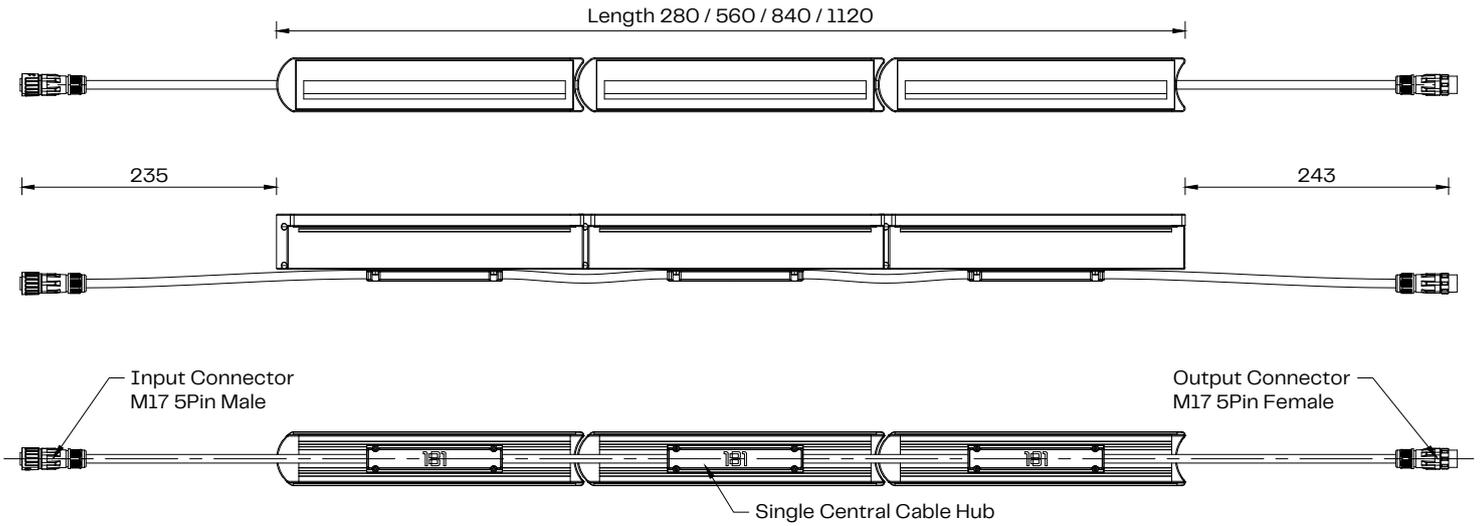
Linear Flex Inground

	Full White (lm/m)	Warm White (lm/m)	Cold White (lm/m)
Tunable White 2700-4000K 12°			
Tunable White 2700-4000K 15°			
Tunable White 2700-4000K 25°			
Tunable White 2700-4000K 45°			
Tunable White 2700-4000K 60°			
Tunable White 2700-4000K 12°x22°			
Tunable White 2700-4000K 15°x40°			
Tunable White 2700-4000K 30°x60°			
Tunable White 3000-5000K 12°			
Tunable White 3000-5000K 15°			
Tunable White 3000-5000K 25°			
Tunable White 3000-5000K 45°			
Tunable White 3000-5000K 60°			
Tunable White 3000-5000K 12°x22°			
Tunable White 3000-5000K 15°x40°			
Tunable White 3000-5000K 30°x60°			
Tunable White 2700-6500K 12°			
Tunable White 2700-6500K 15°			
Tunable White 2700-6500K 25°			
Tunable White 2700-6500K 45°			
Tunable White 2700-6500K 60°			
Tunable White 2700-6500K 12°x22°			
Tunable White 2700-6500K 15°x40°			
Tunable White 2700-6500K 30°x60°			
Tunable White 3000-6000K 12°			
Tunable White 3000-6000K 15°			
Tunable White 3000-6000K 25°			
Tunable White 3000-6000K 45°			
Tunable White 3000-6000K 60°			
Tunable White 3000-6000K 12°x22°			
Tunable White 3000-6000K 15°x40°			
Tunable White 3000-6000K 30°x60°			
Tunable White 4000-6500K 12°			
Tunable White 4000-6500K 15°			
Tunable White 4000-6500K 25°			
Tunable White 4000-6500K 45°			
Tunable White 4000-6500K 60°			
Tunable White 4000-6500K 12°x22°			
Tunable White 4000-6500K 15°x40°			
Tunable White 4000-6500K 30°x60°			

Photometric Distribution

Dimensions

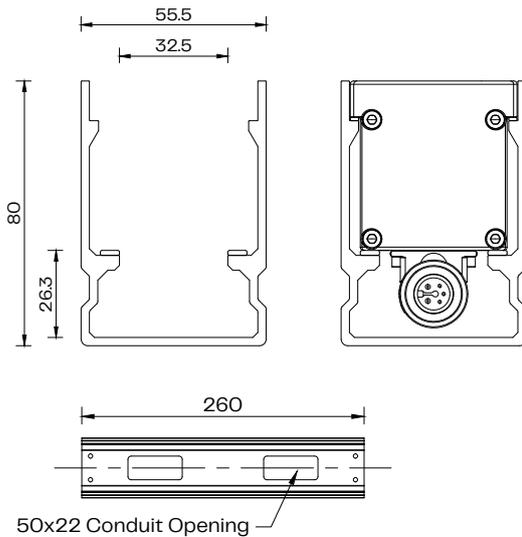
Linear Flex Inground Tunable White¹



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

Profile Specification

Channel Track ¹



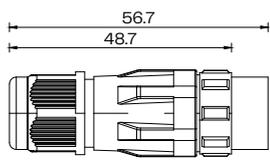
Physical

Profile Material	Aluminum Alloy 6063
Aluminum Profile Finish	Blank Anodized

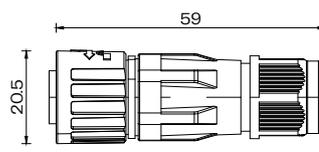
¹The Linear Flex Inground includes the Channel Track.

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
3452501	Linear Flex Inground Tunable White 2700-4000K 12°
3452506	Linear Flex Inground Tunable White 2700-4000K 15°
3452511	Linear Flex Inground Tunable White 2700-4000K 25°
3452516	Linear Flex Inground Tunable White 2700-4000K 45°
3452521	Linear Flex Inground Tunable White 2700-4000K 60°
3452526	Linear Flex Inground Tunable White 2700-4000K 12°x22°
3452531	Linear Flex Inground Tunable White 2700-4000K 15°x40°
3452536	Linear Flex Inground Tunable White 2700-4000K 30°x60°
3452502	Linear Flex Inground Tunable White 3000-5000K 12°
3452507	Linear Flex Inground Tunable White 3000-5000K 15°
3452512	Linear Flex Inground Tunable White 3000-5000K 25°
3452517	Linear Flex Inground Tunable White 3000-5000K 45°
3452522	Linear Flex Inground Tunable White 3000-5000K 60°
3452527	Linear Flex Inground Tunable White 3000-5000K 12°x22°
3452532	Linear Flex Inground Tunable White 3000-5000K 15°x40°
3452537	Linear Flex Inground Tunable White 3000-5000K 30°x60°
3452503	Linear Flex Inground Tunable White 2700-6500K 12°
3452508	Linear Flex Inground Tunable White 2700-6500K 15°
3452513	Linear Flex Inground Tunable White 2700-6500K 25°
3452518	Linear Flex Inground Tunable White 2700-6500K 45°
3452523	Linear Flex Inground Tunable White 2700-6500K 60°
3452528	Linear Flex Inground Tunable White 2700-6500K 12°x22°
3452533	Linear Flex Inground Tunable White 2700-6500K 15°x40°
3452538	Linear Flex Inground Tunable White 2700-6500K 30°x60°
3452504	Linear Flex Inground Tunable White 3000-6000K 12°
3452509	Linear Flex Inground Tunable White 3000-6000K 15°
3452514	Linear Flex Inground Tunable White 3000-6000K 25°
3452519	Linear Flex Inground Tunable White 3000-6000K 45°
3452524	Linear Flex Inground Tunable White 3000-6000K 60°
3452529	Linear Flex Inground Tunable White 3000-6000K 12°x22°
3452534	Linear Flex Inground Tunable White 3000-6000K 15°x40°
3452539	Linear Flex Inground Tunable White 3000-6000K 30°x60°
3452505	Linear Flex Inground Tunable White 4000-6500K 12°
3452510	Linear Flex Inground Tunable White 4000-6500K 15°
3452515	Linear Flex Inground Tunable White 4000-6500K 25°
3452520	Linear Flex Inground Tunable White 4000-6500K 45°
3452525	Linear Flex Inground Tunable White 4000-6500K 60°
3452530	Linear Flex Inground Tunable White 4000-6500K 12°x22°
3452535	Linear Flex Inground Tunable White 4000-6500K 15°x40°
3452540	Linear Flex Inground Tunable White 4000-6500K 30°x60°