

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 RGBW capabilities enable dynamic color 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	4in1
Channels (/m)	16
Color Range	RGBW
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	32
Delivered Lumen Full RGBW (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"/> RGBW2700K
<input type="checkbox"/> RGBW3000K
<input type="checkbox"/> RGBW4000K
<input type="checkbox"/> RGBW5000K

Optics
<input type="checkbox"/> 25°
<input type="checkbox"/> 45°
<input type="checkbox"/> 60°
<input type="checkbox"/> 20°x40°

Lighting Specifications

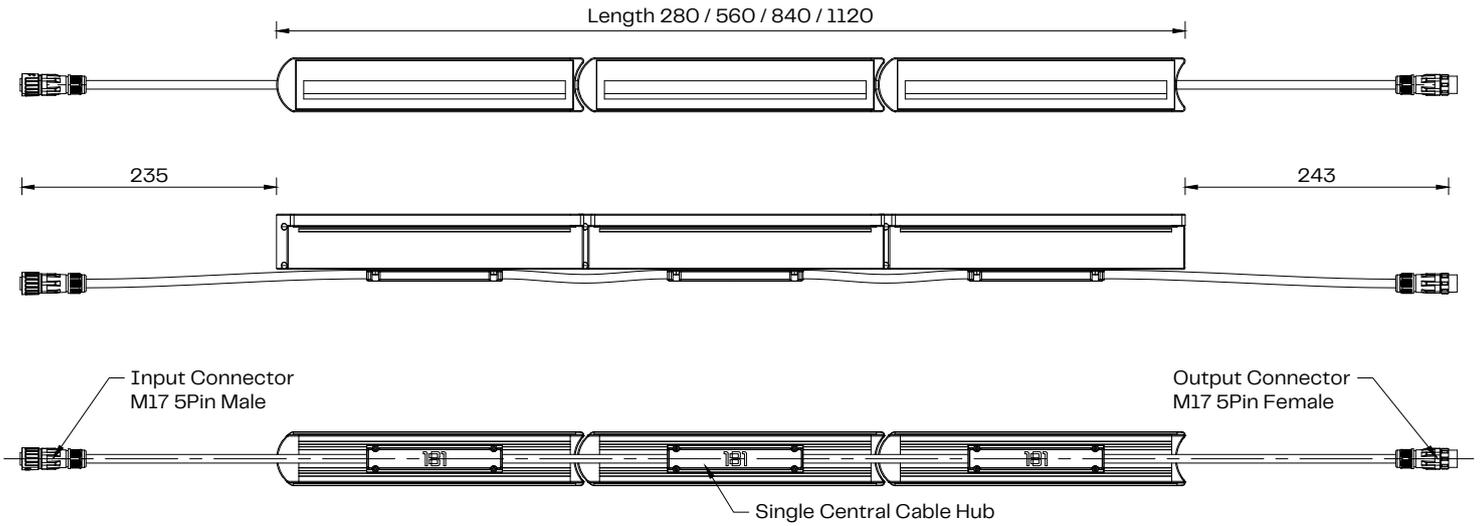
Linear Flex Inground

	Full RGBW (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	White (lm/m)
RGBW2700K 25°					
RGBW2700K 45°					
RGBW2700K 60°					
RGBW2700K 20°x40°					
RGBW3000K 25°					
RGBW3000K 45°					
RGBW3000K 60°					
RGBW3000K 20°x40°					
RGBW4000K 25°					
RGBW4000K 45°					
RGBW4000K 60°					
RGBW4000K 20°x40°					
RGBW5000K 25°					
RGBW5000K 45°					
RGBW5000K 60°					
RGBW5000K 20°x40°					

Photometric Distribution

Dimensions

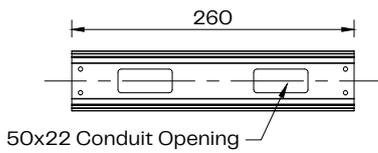
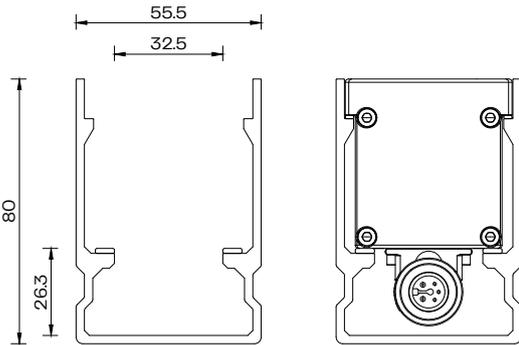
Linear Flex Inground Multi Color¹



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

Profile Specification

Channel Track ¹



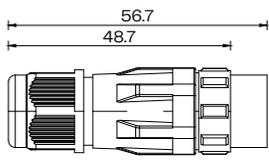
¹The Linear Flex Inground includes the Channel Track.

Physical

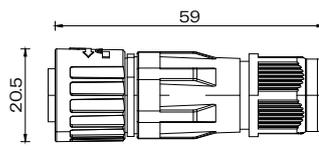
Profile Material	Aluminum Alloy 6063
Aluminum Profile Finish	Blank Anodized

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
3452476	Linear Flex Inground RGBW2700K 25°
3452480	Linear Flex Inground RGBW2700K 45°
3452484	Linear Flex Inground RGBW2700K 60°
3452488	Linear Flex Inground RGBW2700K 20°x40°
3452477	Linear Flex Inground RGBW3000K 25°
3452481	Linear Flex Inground RGBW3000K 45°
3452485	Linear Flex Inground RGBW3000K 60°
3452489	Linear Flex Inground RGBW3000K 20°x40°
3452478	Linear Flex Inground RGBW4000K 25°
3452482	Linear Flex Inground RGBW4000K 45°
3452486	Linear Flex Inground RGBW4000K 60°
3452490	Linear Flex Inground RGBW4000K 20°x40°
3452479	Linear Flex Inground RGBW5000K 25°
3452483	Linear Flex Inground RGBW5000K 45°
3452487	Linear Flex Inground RGBW5000K 60°
3452491	Linear Flex Inground RGBW5000K 20°x40°