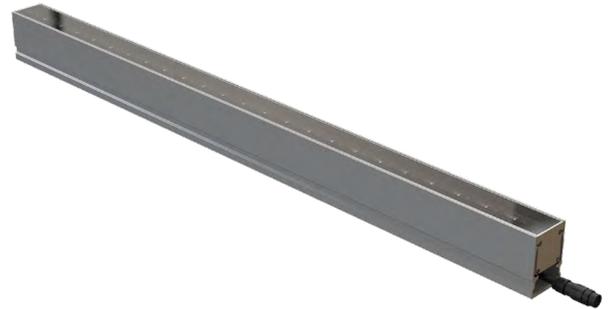


The Linear Inground delivers ground-level illumination that defines and elevates architectural spaces. This sophisticated in-ground fixture creates powerful vertical lighting effects that accentuate facades, columns, and structural elements with precision and visual impact.

The robust construction withstands pedestrian environments while RGBW capabilities enable dynamic color schemes for branded environments, hospitality venues, and public spaces where architectural lighting becomes essential.

↳ Traffic-Resistant Construction - Engineered to withstand foot traffic without performance compromise.

↳ Adaptive Beam Technology - Adjustable from tight focused columns to wide wash effects



CE RoHS IP68 IK08

Specifications

General

Power Consumption (W/m)	54
Input Voltage (V DC)	48
LEDs (/m)	24
LED Pitch (mm)	41
Pixels (/m)	4
Flicker Frequency (kHz)	16
LED Type	4in1
Channels (/m)	16
Color Range	RGBW
CRI	≥80 (Custom on Request)
Control	DMX (RDM) / PxLNet
Dimming	16 bit

Installation Conditions & Lighting Data

Maximum Run Length Power ¹ (m)	6	
Maximum Run Length DMX (RDM) ² (m)	@45fps	16
Maximum Run Length PxLNet ² (m)	@40fps	128
	@60fps	64
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

Physical

Housing Material	Aluminum (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M17 5Pin
Weight (kg/m)	4,2
Dimensions WxH (mm)	50 x 62
Length (mm)	500 / 1000

Options

Color/CCT

- RGBW2700K
- RGBW3000K
- RGBW4000K
- RGBW5000K

Optics

- 25°
- 45°
- 60°
- 20°x40°

Control

- DMX (RDM)
- PxLNet

Lighting Specifications

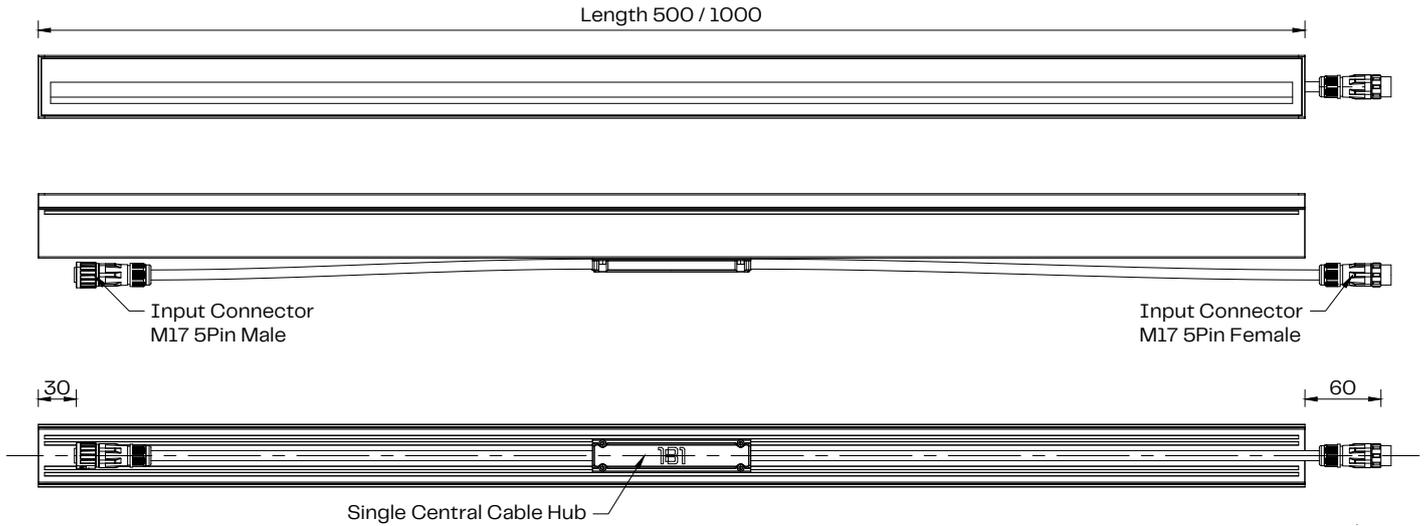
Linear Inground

	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

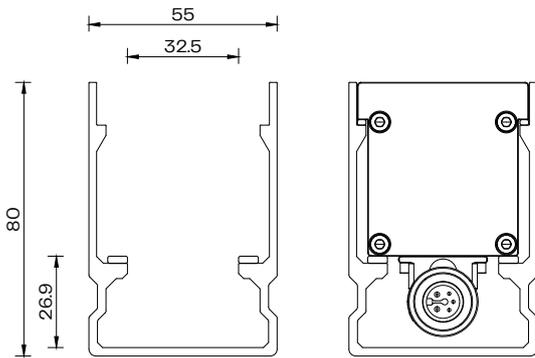
Linear Inground Multi Color¹



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

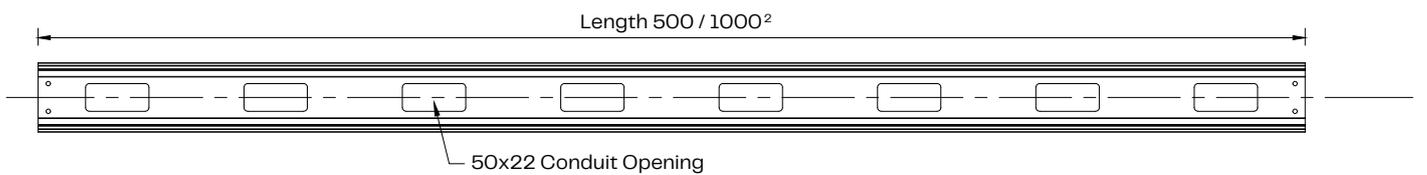
Profile Specification

Channel Track ¹



Physical

Profile Material	Aluminum Alloy 6063
Aluminum Profile Finish	Blank Anodized

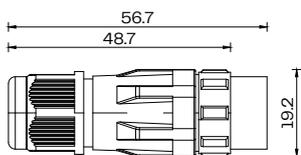


¹The Linear Inground includes the Channel Track.

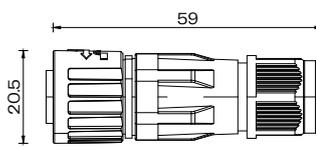
²1000mm profile is standard. 500mm is available to order.

Connection

M17 Female Connector



M17 Male Connector



Connector Pin

Pin 1	Red	48 V+
Pin 2	Green	Data +
Pin 3	White	Program
Pin 4	Yellow	Data -
Pin 5	Black	GND

Product References

Linear Inground

Reference	Description
3452601	Linear Inground RGBW2700K 25°
3452605	Linear Inground RGBW2700K 45°
3452608	Linear Inground RGBW2700K 60°
3452612	Linear Inground RGBW2700K 20°x40°
3452602	Linear Inground RGBW3000K 25°
3452606	Linear Inground RGBW3000K 45°
3452609	Linear Inground RGBW3000K 60°
3452613	Linear Inground RGBW3000K 20°x40°
3452603	Linear Inground RGBW4000K 25°
3452616	Linear Inground RGBW4000K 45°
3452610	Linear Inground RGBW4000K 60°
3452614	Linear Inground RGBW4000K 20°x40°
3452604	Linear Inground RGBW5000K 25°
3452607	Linear Inground RGBW5000K 45°
3452611	Linear Inground RGBW5000K 60°
3452615	Linear Inground RGBW5000K 20°x40°