

Linear Inground

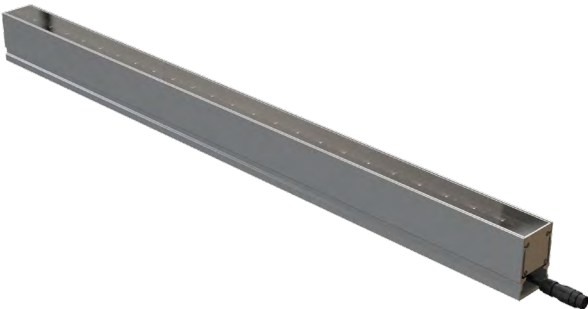
White

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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 white lighting enables visibility and sets the mood for any 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)	1
Flicker Frequency (kHz)	16
LED Type	Discrete
Channels (/m)	3
Color Range	White
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) ¹ (m)	@45fps	21
Maximum Run Length PxLNet ¹ (m)	@40fps	171
	@60fps	512
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

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	
☐ 2700K	☐ 5000K
☐ 3000K	☐ 5700K
☐ 4000K	☐ 6500K
Optics	
☐ 12°	☐ 60°
☐ 15°	☐ 12°x22°
☐ 25°	☐ 15°x40°
☐ 45°	☐ 30°x60°
Control	
☐ DMX (RDM)	
☐ PxLNet	

Lighting Specifications

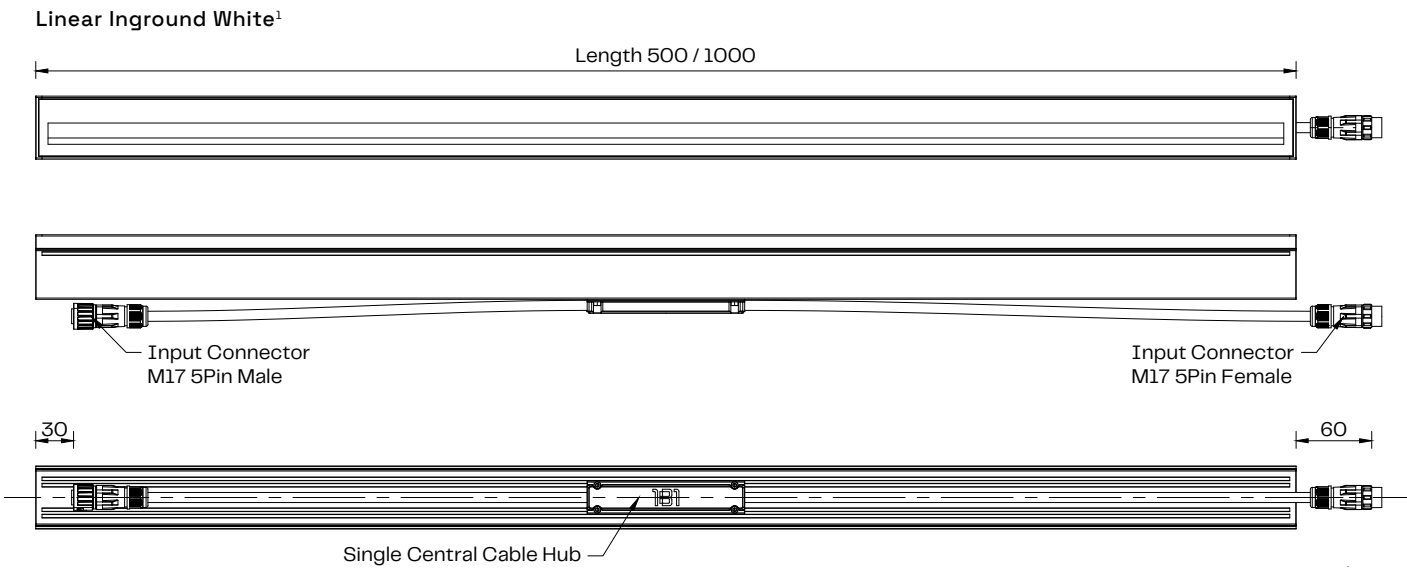
Linear Inground

	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°	

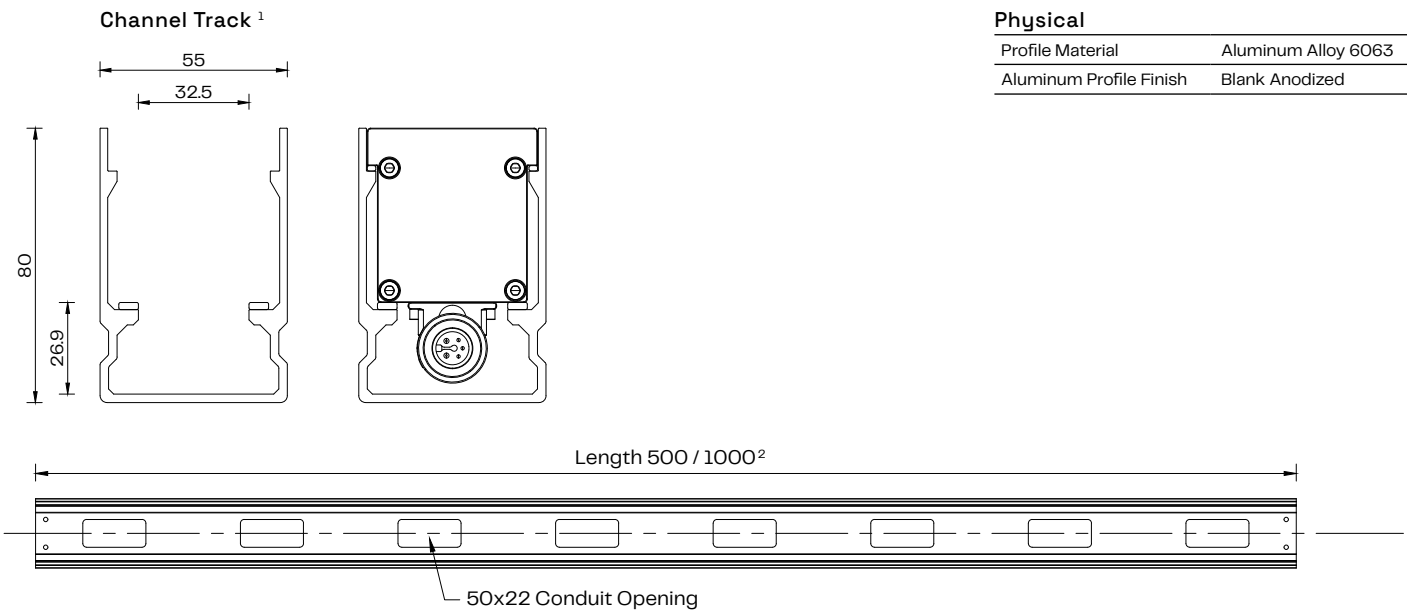
Photometric Distribution

Dimensions



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

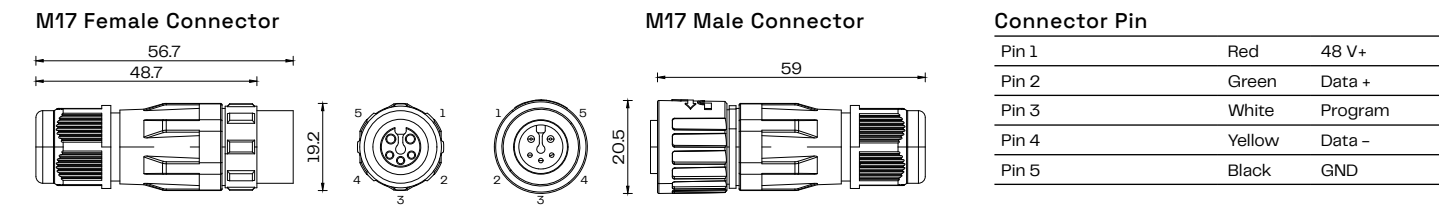
Profile Specification



Physical	
Profile Material	Aluminum Alloy 6063
Aluminum Profile Finish	Blank Anodized

¹ The Linear Inground includes the Channel Track.
² 1000mm profile is standard. 500mm is available to order.

Connection



Product References

Linear Inground

Reference	Description
3452708	Linear Inground 2700K 12°
3452666	Linear Inground 2700K 15°
3452672	Linear Inground 2700K 25°
3452678	Linear Inground 2700K 45°
3452684	Linear Inground 2700K 60°
3452690	Linear Inground 2700K 12°x22°
3452696	Linear Inground 2700K 15°x40°
3452702	Linear Inground 2700K 30°x60°
3452661	Linear Inground 3000K 12°
3452667	Linear Inground 3000K 15°
3452673	Linear Inground 3000K 25°
3452679	Linear Inground 3000K 45°
3452685	Linear Inground 3000K 60°
3452691	Linear Inground 3000K 12°x22°
3452697	Linear Inground 3000K 15°x40°
3452703	Linear Inground 3000K 30°x60°
3452662	Linear Inground 4000K 12°
3452668	Linear Inground 4000K 15°
3452674	Linear Inground 4000K 25°
3452680	Linear Inground 4000K 45°
3452686	Linear Inground 4000K 60°
3452692	Linear Inground 4000K 12°x22°
3452698	Linear Inground 4000K 15°x40°
3452704	Linear Inground 4000K 30°x60°
3452663	Linear Inground 5000K 12°
3452669	Linear Inground 5000K 15°
3452675	Linear Inground 5000K 25°
3452681	Linear Inground 5000K 45°
3452687	Linear Inground 5000K 60°
3452693	Linear Inground 5000K 12°x22°
3452699	Linear Inground 5000K 15°x40°
3452705	Linear Inground 5000K 30°x60°
3452664	Linear Inground 5700K 12°
3452670	Linear Inground 5700K 15°
3452676	Linear Inground 5700K 25°
3452682	Linear Inground 5700K 45°
3452688	Linear Inground 5700K 60°
3452694	Linear Inground 5700K 12°x22°
3452700	Linear Inground 5700K 15°x40°
3452706	Linear Inground 5700K 30°x60°
3452665	Linear Inground 6500K 12°
3452671	Linear Inground 6500K 15°
3452677	Linear Inground 6500K 25°
3452683	Linear Inground 6500K 45°
3452689	Linear Inground 6500K 60°
3452695	Linear Inground 6500K 12°x22°
3452701	Linear Inground 6500K 15°x40°
3452707	Linear Inground 6500K 30°x60°