Linear Window White

The Linear Window offers a sleek yet powerful solution for creating visual emphasis in both exterior and interior applications. This precision-engineered luminaire is ideal for illuminating window reveals band linear architectural elements.

Perfect for rich, consistent white color mixing that accentuates architectural features with remarkable vibrant lighting. The discreet profile and compact design integrate seamlessly into modern design while providing illumination that enhances spatial definition with sophisticated color capability.

↘ Flush Installation Design – Seamless integration into surfaces without visible mounting hardware

↘ Professional Lighting Engine – Superior white mixing technology for architectural-grade applications

CE   RoHS   IP67   IK08

Specifications

General

Power Consumption (W)	12
Input Voltage (V DC)	24
LEDs (/pc)	10
LED Pitch (mm)	25
Pixels (/pc)	1
Channels (/pc)	3
Flicker Frequency (kHz)	0,97
LED Type	Discrete
Color Range	White
Optic (°)	3x118
CRI	≥80 (Custom on Request)
Control	DMX
Dimming	16 bit

Installation Conditions & Lighting Data

Maximum Run Length Power[1] (pcs)	20	
Maximum Run Length Data[1] (pcs)	@45fps	170
Delivered Lumen Full White (lm)		
Lumen Maintenance Calculated Hours (h)	L70B20 50,000	

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

Operating

Environment	Outdoor
Storage Temperature (°C)	–30 to +60
Working Temperature (°C)	–20 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Warranty	3 Years

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	M12 5Pin	
Weight (kg)	Surface Mount	0,7
	Recessed	0,8
Dimensions WxH (mm)	Surface Mount	44 x 59
	Recessed	68 x 53
Length (mm)	Surface Mount	250
	Recessed	272

Options

Color/CCT

☐ 2700K   ☐ 5000K
☐ 3000K   ☐ 5700K
☐ 4000K   ☐ 6500K

Mounting Options

☐ Surface Mount
☐ Recessed

oneeighty one.com

Lighting Specifications

Linear Window

	Full White (lm/m)
2700K 3°x118°	
3000K 3°x118°	
4000K 3°x118°	
5000K 3°x118°	
5700K 3°x118°	
6500K 3°x118°	

Photometric Distribution

Dimensions

Linear Window Recessed White[1]

272

64   64

Single Central Cable Hub

Input Connector
M12 5Pin Male

Output Connector
M12 5Pin Female
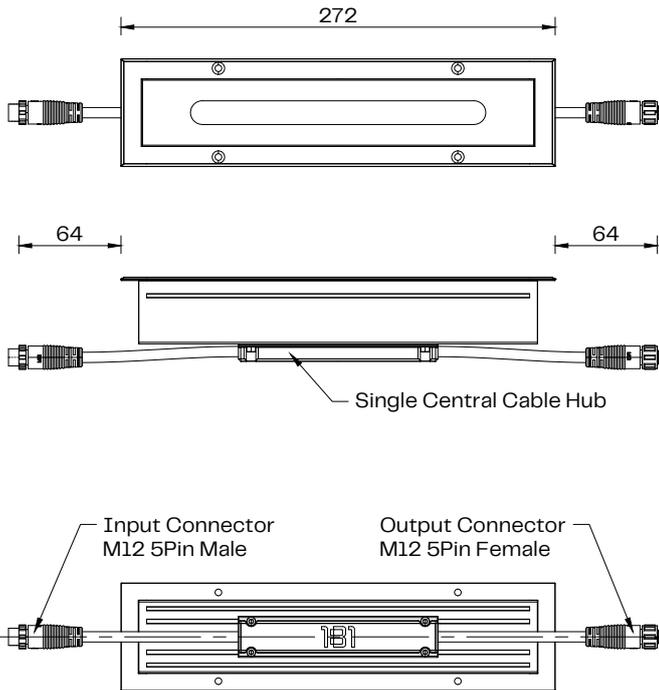
Linear Window Surface Mount White[1]
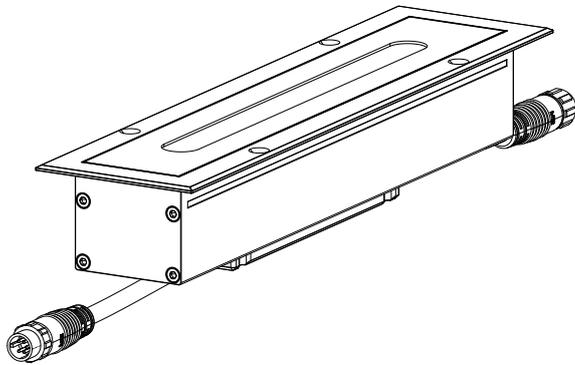
250

75   23.5   75

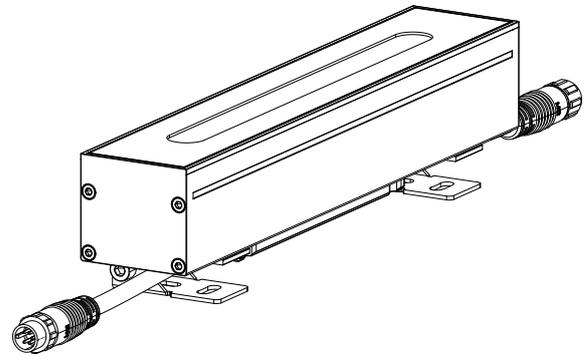Adjustable Angle Mounting Bracket
Adjustable Slide

Max   57
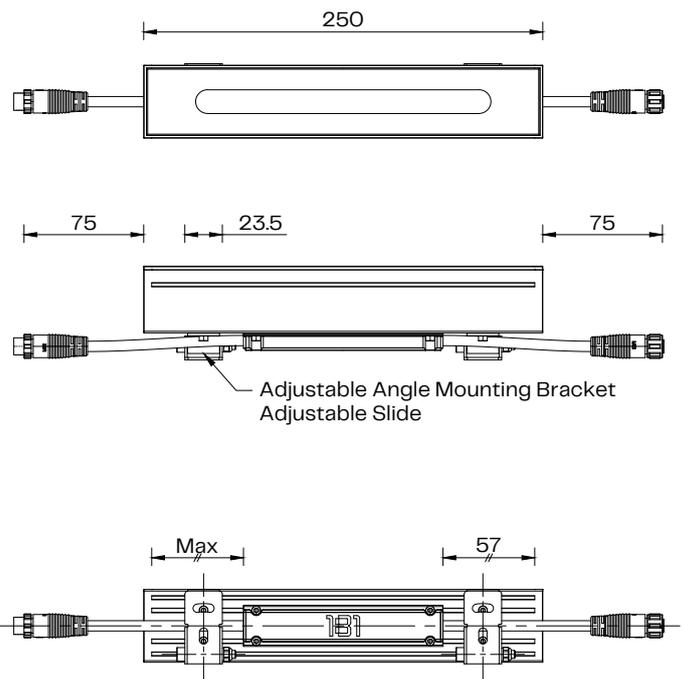
[1] The dimensions shown are not to scale. Please refer to the Dimensions Sheet document for additional dimensions.
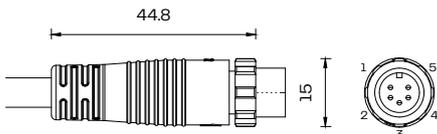
Mounting Options
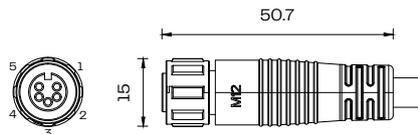
Linear Window Recessed

Linear Window Surface Mount

Connection

M12 Male Connector	M12 Female Connector
44.8	50.7

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 Window

Reference	Description
	Linear Window Surface Mount 2700K 3°x118°
	Linear Window Surface Mount 3000K 3°x118°
	Linear Window Surface Mount 4000K 3°x118°
	Linear Window Surface Mount 5000K 3°x118°
	Linear Window Surface Mount 5700K 3°x118°
	Linear Window Surface Mount 6500K 3°x118°
	Linear Window Recessed 2700K 3°x118°
	Linear Window Recessed 3000K 3°x118°
	Linear Window Recessed 4000K 3°x118°
	Linear Window Recessed 5000K 3°x118°
	Linear Window Recessed 5700K 3°x118°
	Linear Window Recessed 6500K 3°x118°