

The Linear G36 Tunable White delivers control for outdoor environments requiring adaptive white light. This robust fixture is ideal for grazing and washing applications and offers smooth CCT transitions from warm 1800K to cool 6000K, making it ideal for public plazas, building exteriors, and hospitality areas where tunable white technology supports both human comfort and architectural enhancement in weather-exposed installations.

Combined with a range of beam angles from 15° to 60° and specialized asymmetric distribution options, the Linear G36 Tunable White offers exceptional optical versatility for lighting designers while maintaining consistent architectural appeal.

↳ Long-Run Performance – Engineered for extended lighting runs with reliable DMX (RDM) or PxLNet control.

↳ Pixel-Precision Control – 4 pixels per meter enabling smooth color transitions, dynamic effects, and precise architectural lighting design.



CE RoHS IP67 IK08

## Specifications

### General

Power Consumption (W/m)	36
Input Voltage (V DC)	48
LEDs (/m)	24
LED Pitch (mm)	41,6
Delivered Lumens (/m)	2946
Pixels (/m)	4
Flicker Frequency (kHz)	16
LED Type	2in1
Channels (/m)	12
Color Range	Tunable White
CRI	≥80 (Custom on request)
Control	DMX(RDM)/PxLNet
Dimming	16 Bit

### Installation conditions & Lighting Data

Maximum Run Length (m)	Single Feed	11
Maximum Run Length DMX(RDM) (m)	@45fps	42
Maximum Run Length PxLNet (m)	@40fps	170
	@60fps	85
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

### Operating

Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +65
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years

### Physical

Housing Material	Aluminium (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/m)	2,1
Dimensions WxH (mm)	42 x 63,7
Standard Length (mm)	500, 750, 1000

## Options

### Color/CCT

- 1800K-6000K  
 2700K-6000K

### Accessories

- Glare Shield  Quarter Glare Shield  
 Half Glare Shield  Honeycomb

### Optics

- 15°  60°  
 25°  20°x40°  
 45°

### Control

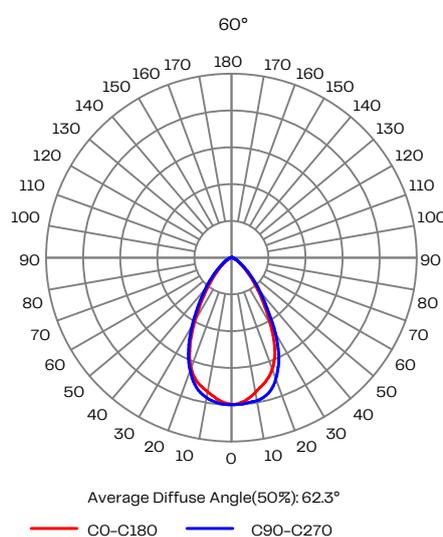
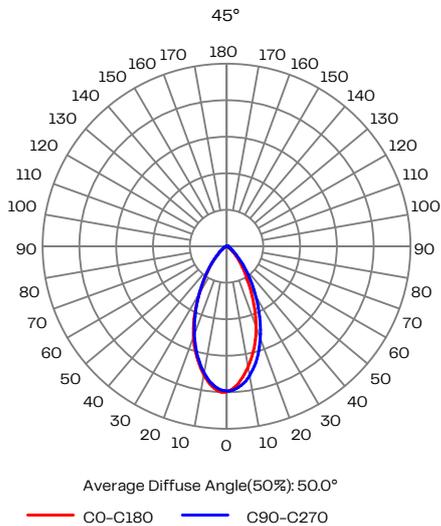
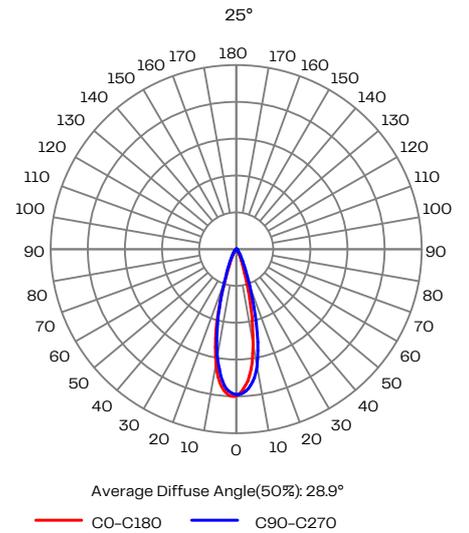
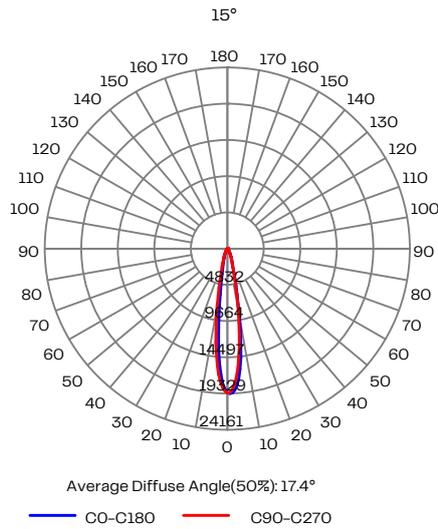
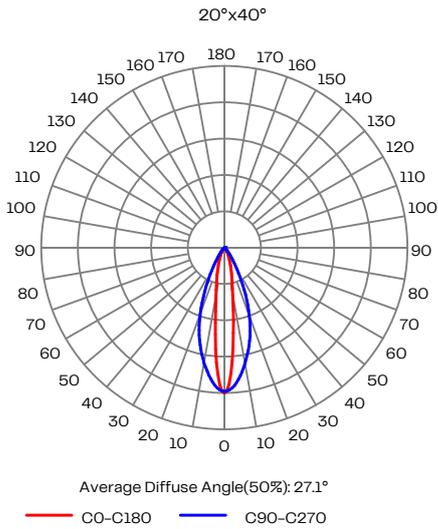
- DMX (RDM)  
 PxLNet

# Lighting Specifications

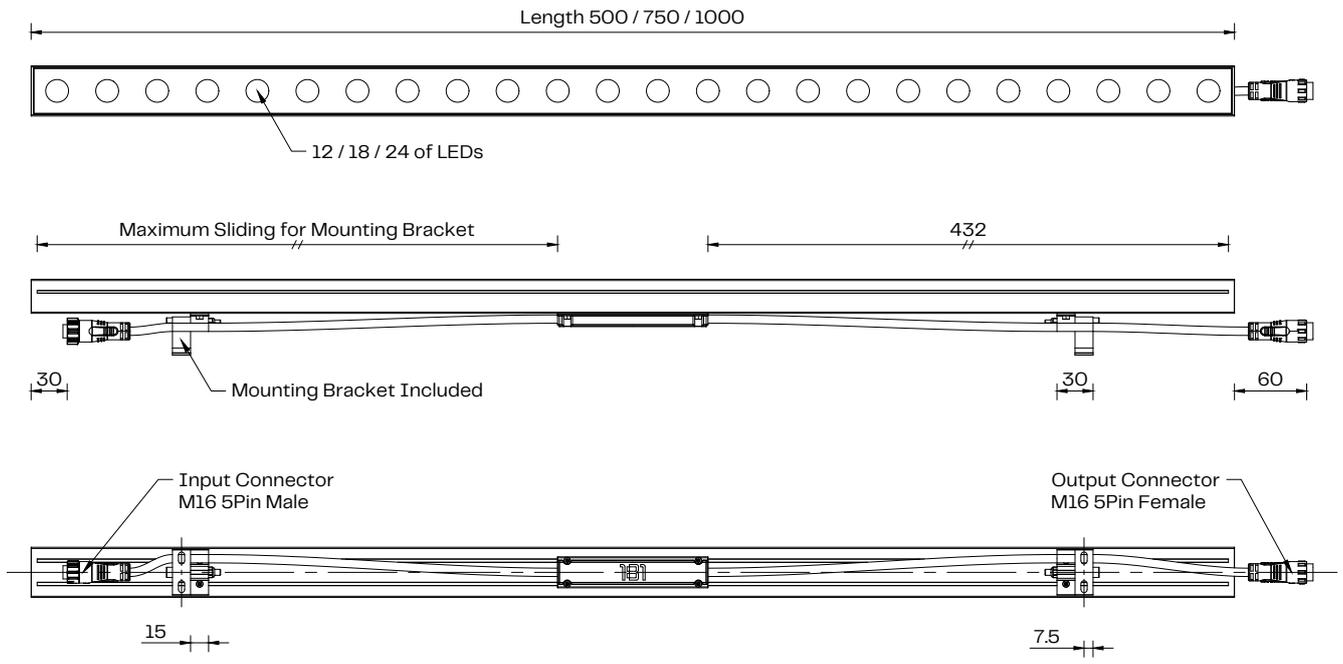
## Linear G36

	Full White (lm/m)	Warm White (lm/m)	Cold White (lm/m)
Tunable White 1800-6000K 15°	2830	2102	2166
Tunable White 1800-6000K 25°	2859	2123	2188
Tunable White 1800-6000K 45°	2887	2144	2210
Tunable White 1800-6000K 60°	2801	2080	2144
Tunable White 1800-6000K 20°x40°	2716	2017	2078
Tunable White 2700-6000K 15°	2888	2144	2210
Tunable White 2700-6000K 25°	2917	2166	2232
Tunable White 2700-6000K 45°	2946	2188	2255
Tunable White 2700-6000K 60°	2859	2123	2188
Tunable White 2700-6000K 20°x40°	2771	2058	2121

## Photometric Distribution



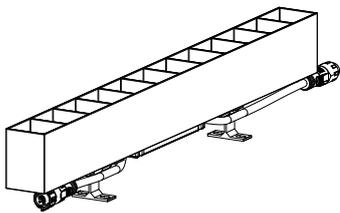
# Dimensions



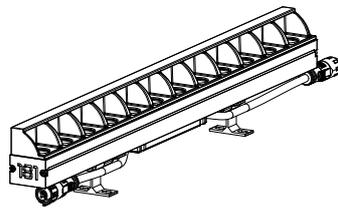
Linear G36 Tunable White

\*The dimensions shown are not to scale. Please refer to the Dimension Sheet V2 document for additional dimensions.

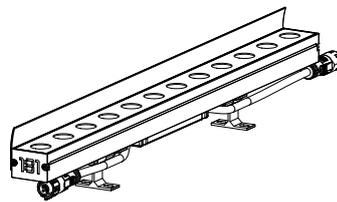
# Accessories Options



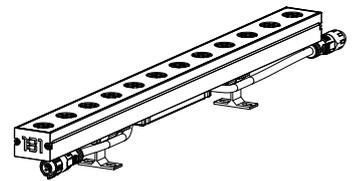
Glare Shield



Half Glare Shield

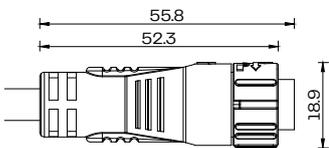


Quarter Glare Shield

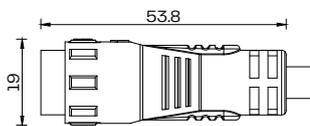


Honeycomb

# Connection



M16 Male Connector



M16 Female 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

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## Linear G36

Reference	Description
3451556	Linear G36 Tunable White 1800-6000K 15° 1000
3451557	Linear G36 Tunable White 1800-6000K 25° 1000
3451558	Linear G36 Tunable White 1800-6000K 45° 1000
3451559	Linear G36 Tunable White 1800-6000K 60° 1000
3451560	Linear G36 Tunable White 1800-6000K 20°x40° 1000
3451551	Linear G36 Tunable White 2700-6000K 15° 1000
3451552	Linear G36 Tunable White 2700-6000K 25° 1000
3451553	Linear G36 Tunable White 2700-6000K 45° 1000
3451554	Linear G36 Tunable White 2700-6000K 60° 1000
3451555	Linear G36 Tunable White 2700-6000K 20°x40° 1000

## Accessories

Reference	Description
3990963	Glare Shield
3990958	Half Glare Shield
3990953	Quarter Glare Shield
3990968	Honeycomb