

The Linear G24 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 G24 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)	24
Input Voltage (V DC)	48
LEDs (/m)	24
LED Pitch (mm)	41,6
Delivered Lumens (/m)	2449
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	16
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)	1,8
Dimensions WxH (mm)	38 x 62,5
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

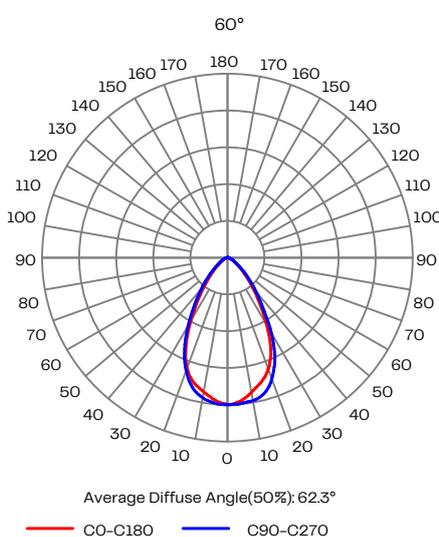
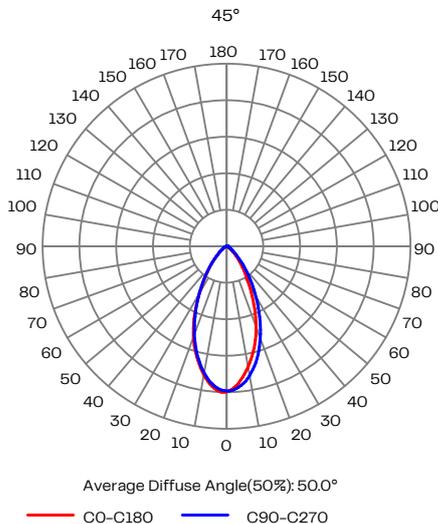
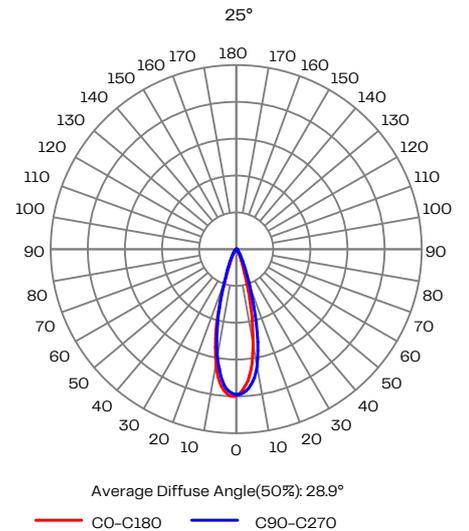
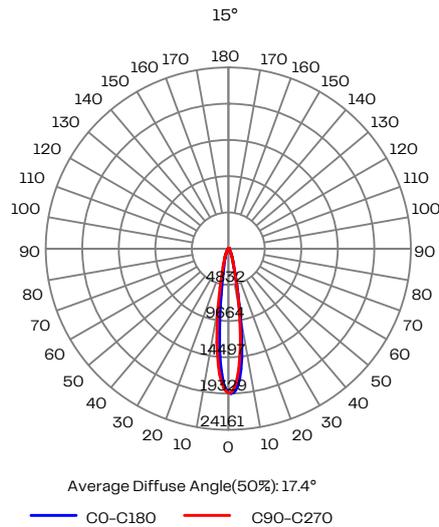
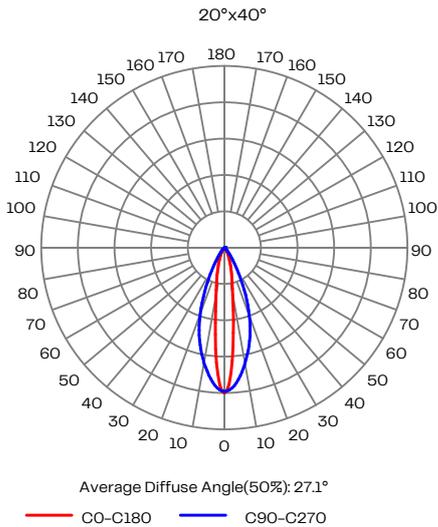
- DMX (RDM)  
 PxLNet

# Lighting Specifications

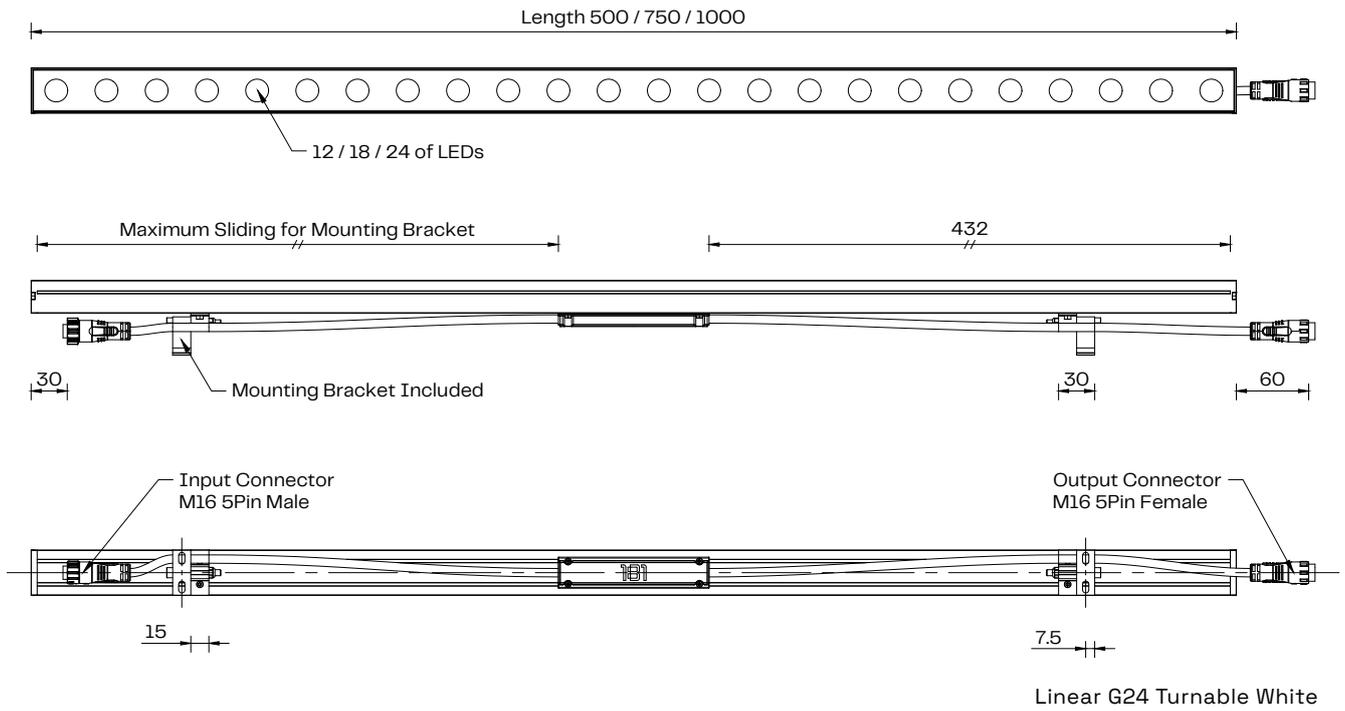
## Linear G24

	Full White (lm/m)	Warm White (lm/m)	Cold White (lm/m)
Tunable White 1800-6000K 15°	2353	1747	1801
Tunable White 1800-6000K 25°	2377	1765	1819
Tunable White 1800-6000K 45°	2400	1782	1837
Tunable White 1800-6000K 60°	2329	1729	1782
Tunable White 1800-6000K 20°x40°	2258	1676	1728
Tunable White 2700-6000K 15°	2401	1783	1837
Tunable White 2700-6000K 25°	2425	1801	1856
Tunable White 2700-6000K 45°	2449	1819	1874
Tunable White 2700-6000K 60°	2377	1765	1819
Tunable White 2700-6000K 20°x40°	2304	1711	1763

## Photometric Distribution

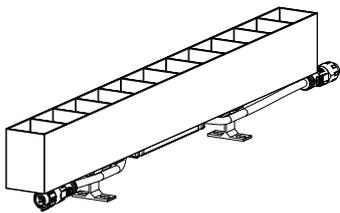


# Dimensions

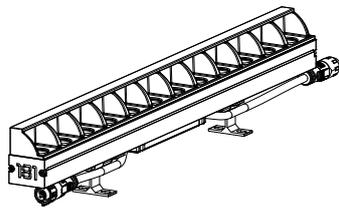


\*The dimensions shown are not to scale. Please refer to the Dimension Sheet V2 document for additional dimensions.

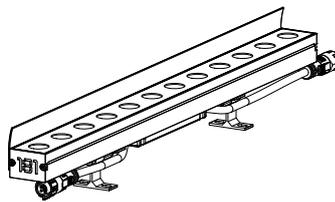
# Accessories Options



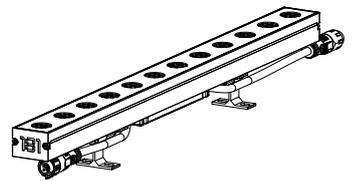
Glare Shield



Half Glare Shield

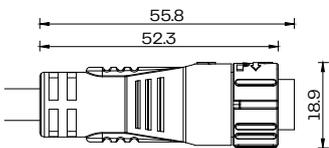


Quarter Glare Shield

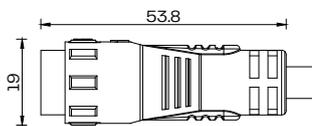


Honeycomb

# 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 G24

Reference	Description
3451306	Linear G24 Tunable White 1800-6000K 15° 1000
3451307	Linear G24 Tunable White 1800-6000K 25° 1000
3451308	Linear G24 Tunable White 1800-6000K 45° 1000
3451309	Linear G24 Tunable White 1800-6000K 60° 1000
3451310	Linear G24 Tunable White 1800-6000K 20°x40° 1000
3451301	Linear G24 Tunable White 2700-6000K 15° 1000
3451302	Linear G24 Tunable White 2700-6000K 25° 1000
3451303	Linear G24 Tunable White 2700-6000K 45° 1000
3451304	Linear G24 Tunable White 2700-6000K 60° 1000
3451305	Linear G24 Tunable White 2700-6000K 20°x40° 1000

## Accessories

Reference	Description
3990962	Glare Shield
3990957	Half Glare Shield
3990952	Quarter Glare Shield
3990967	Honeycomb