

The Linear G54 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 G54 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)	54
Input Voltage (V DC)	48
LEDs (/m)	24
LED Pitch (mm)	41,6
Delivered Lumens (/m)	4651
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	6
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)	2,8
Dimensions WxH (mm)	55 x 81,5
Standard Length (mm)	500, 750, 1000

## Options

Color/CCT
<input type="checkbox"/> 1800K-6000K
<input type="checkbox"/> 2700K-6000K

Accessories	
<input type="checkbox"/> Glare Shield	<input type="checkbox"/> Quarter Glare Shield
<input type="checkbox"/> Half Glare Shield	<input type="checkbox"/> Honeycomb

Optics	
<input type="checkbox"/> 15°	<input type="checkbox"/> 60°
<input type="checkbox"/> 25°	<input type="checkbox"/> 20°x40°
<input type="checkbox"/> 45°	

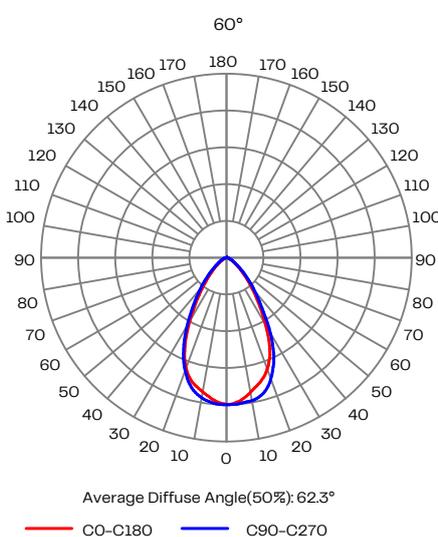
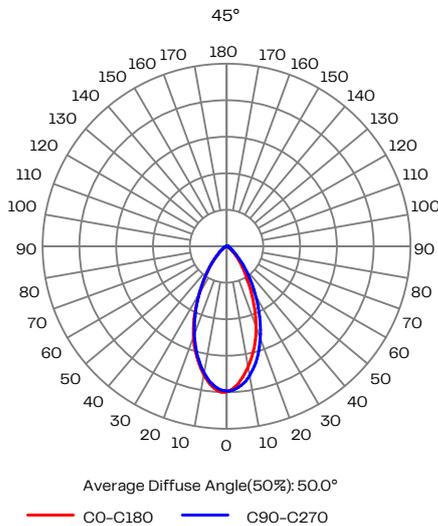
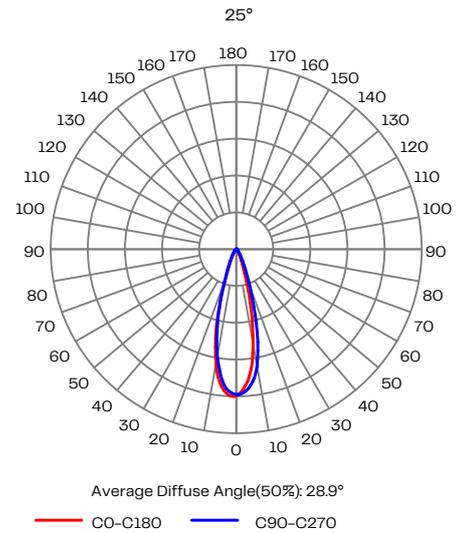
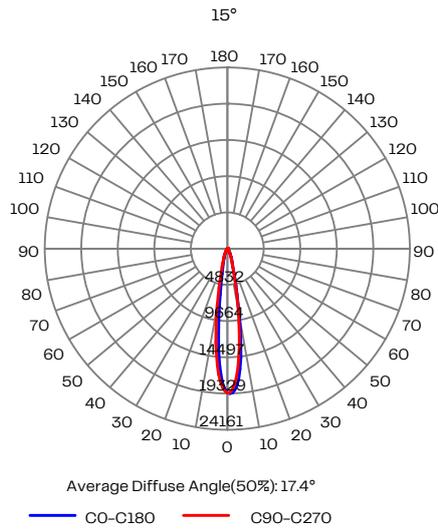
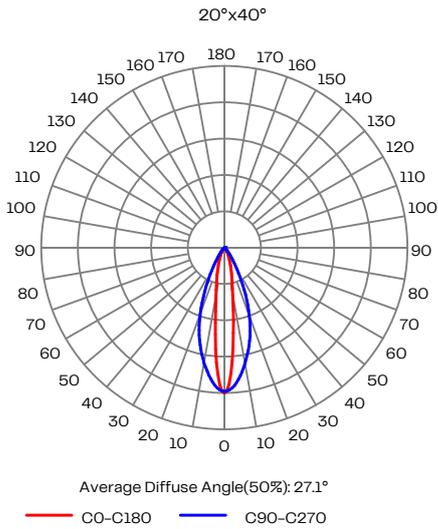
Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

# Lighting Specifications

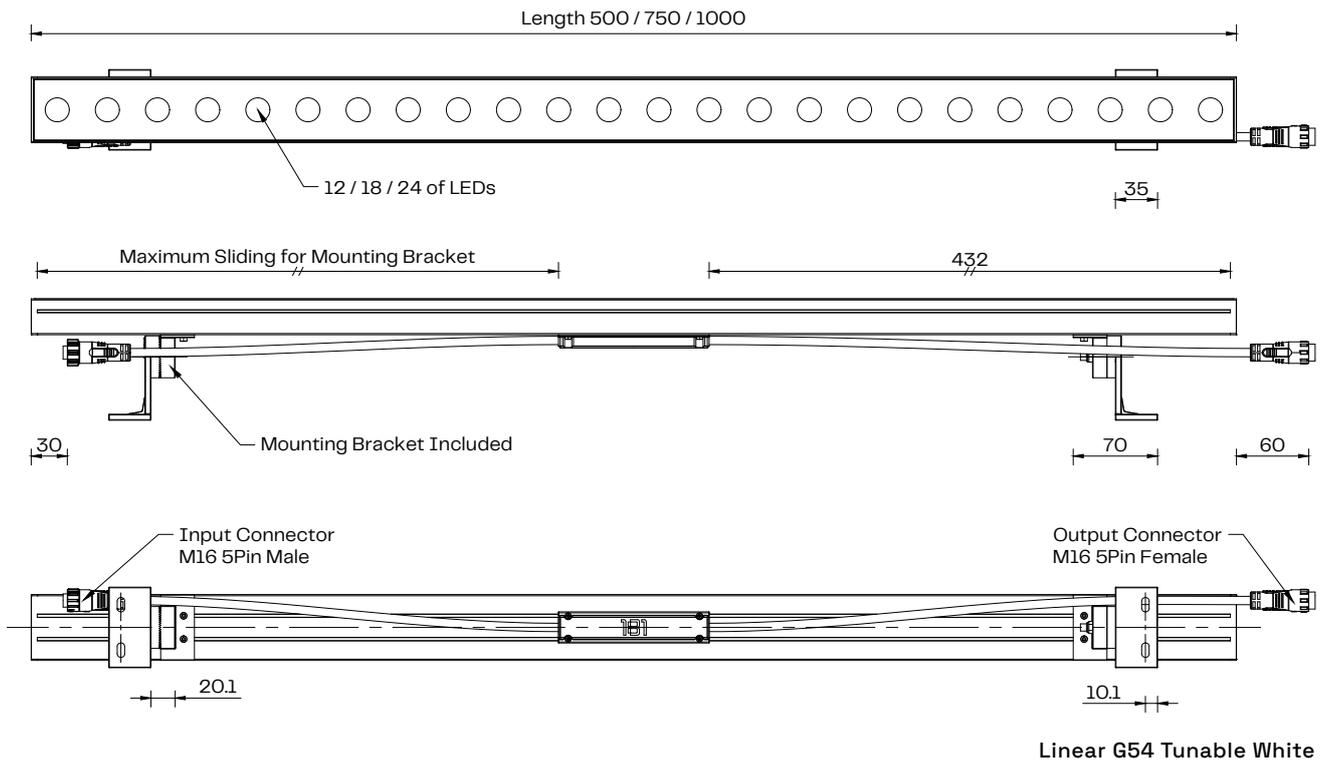
## Linear G54

	Full White (lm/m)	Warm White (lm/m)	Cold White (lm/m)
Tunable White 1800-6000K 15°	3844	2537	2615
Tunable White 1800-6000K 25°	3883	2563	2641
Tunable White 1800-6000K 45°	3922	2589	2668
Tunable White 1800-6000K 60°	3805	2512	2589
Tunable White 1800-6000K 20°x40°	3689	2435	2509
Tunable White 2700-6000K 15°	3922	2589	2668
Tunable White 2700-6000K 25°	3962	2615	2695
Tunable White 2700-6000K 45°	4002	2641	2722
Tunable White 2700-6000K 60°	3883	2563	2641
Tunable White 2700-6000K 20°x40°	3764	2484	2560

## Photometric Distribution

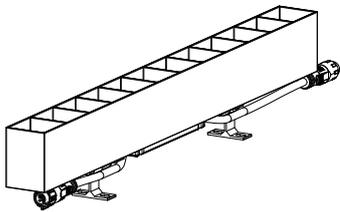


# Dimensions

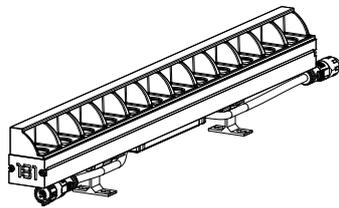


\*The dimensions shown are not to scale. Please refer to the Dimension Sheet V2 document for additional dimensions.

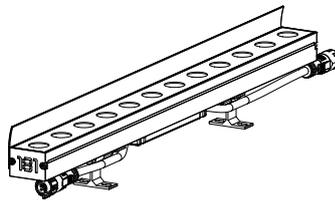
# Accessories Options



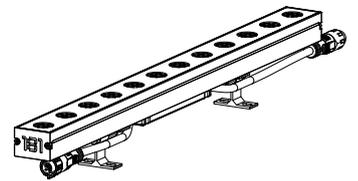
Glare Shield



Half Glare Shield

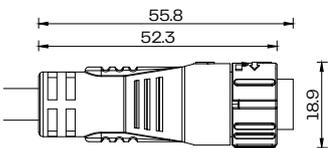


Quarter Glare Shield

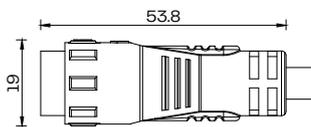


Honeycomb

# 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 G

Reference	Description
3451906	Linear G54 Tunable White 1800-6000K 15° 1000
3451907	Linear G54 Tunable White 1800-6000K 25° 1000
3451908	Linear G54 Tunable White 1800-6000K 45° 1000
3451909	Linear G54 Tunable White 1800-6000K 60° 1000
3451910	Linear G54 Tunable White 1800-6000K 20°x40° 1000
3451901	Linear G54 Tunable White 2700-6000K 15° 1000
3451902	Linear G54 Tunable White 2700-6000K 25° 1000
3451903	Linear G54 Tunable White 2700-6000K 45° 1000
3451904	Linear G54 Tunable White 2700-6000K 60° 1000
3451905	Linear G54 Tunable White 2700-6000K 20°x40° 1000

## Accessories

Reference	Description
3990964	Glare Shield
3990959	Half Glare Shield
3990954	Quarter Glare Shield
3990969	Honeycomb