

The Linear G54 White delivers consistent illumination for outdoor architectural applications requiring reliable fixed-temperature lighting. This weatherproof fixture offers stable performance across color temperatures from ultra-warm 2700K to cool 5000K, making it ideal for continuous facade grazing, washing, building perimeter lighting and landscape architectural features where consistent light quality and minimal maintenance are essential in exposed outdoor environments.

With a wide range of beam angle options (12° to 60°) and specialized asymmetric distributions, the Linear G54 provides exceptional optical versatility for lighting designers while maintaining architectural consistency.

∨ 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)	4584
Pixels (/m)	4
Flicker Frequency (kHz)	16
LED Type	SMD3030
Channels (/m)	12
Color Range	Single Color
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"/> 2700K
<input type="checkbox"/> 3000K
<input type="checkbox"/> 4000K
<input type="checkbox"/> 5000K

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"/> 12°	<input type="checkbox"/> 60°
<input type="checkbox"/> 15°	<input type="checkbox"/> 12°x22°
<input type="checkbox"/> 25°	<input type="checkbox"/> 15°x40°
<input type="checkbox"/> 45°	<input type="checkbox"/> 30°x60°

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

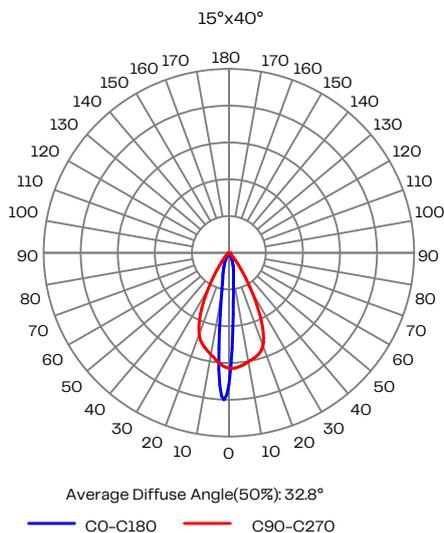
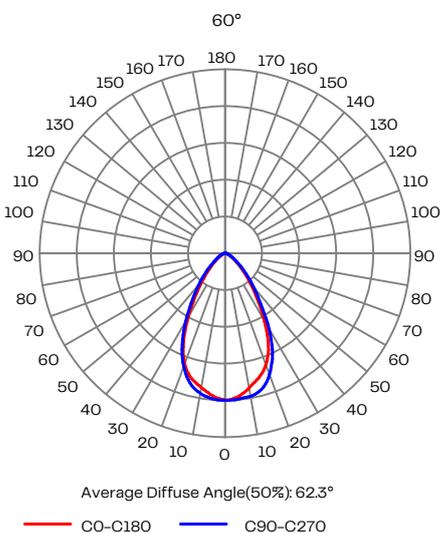
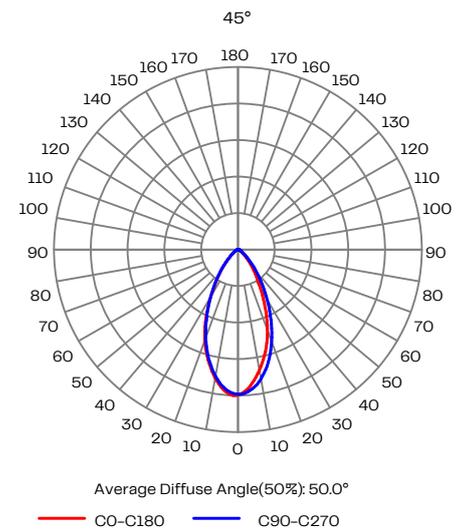
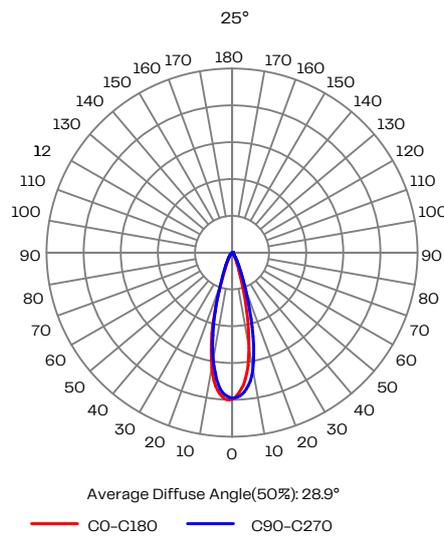
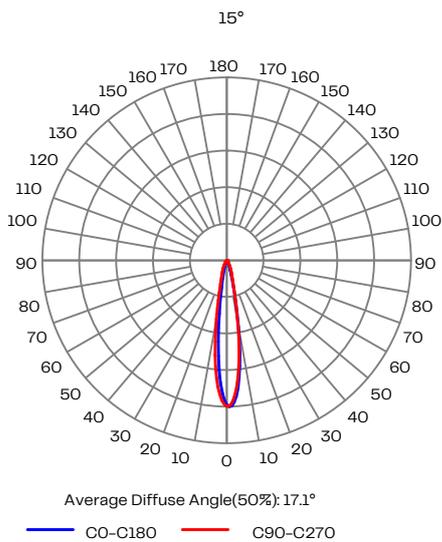
Lighting Specifications

Linear G54

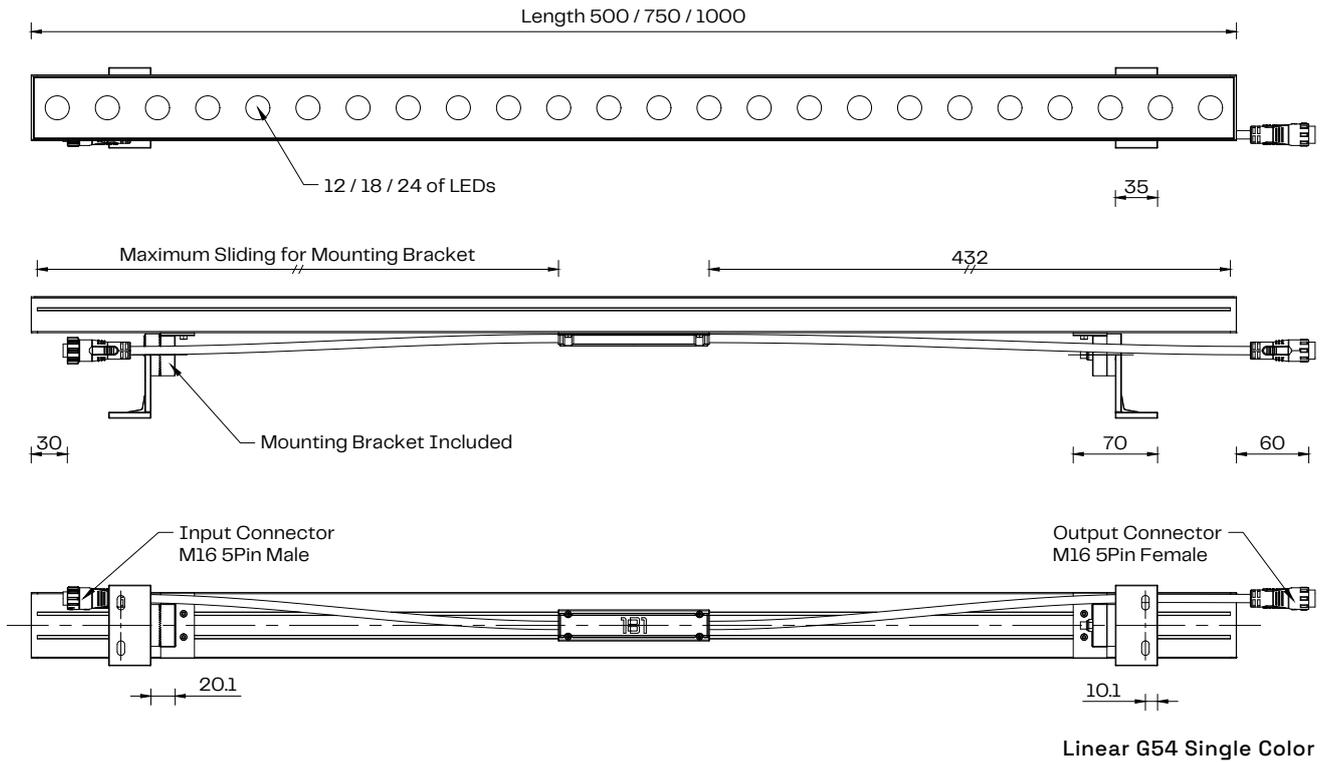
	Full White (lm/m)
2700K 12°	4276
2700K 15°	4233
2700K 25°	4319
2700K 45°	4034
2700K 60°	3953
2700K 12°x22°	4406
2700K 15°x40°	4362
2700K 30°x60°	4188
3000K 12°	4319
3000K 15°	4276
3000K 25°	4362
3000K 45°	4074
3000K 60°	3993
3000K 12°x22°	4450
3000K 15°x40°	4406
3000K 30°x60°	4229

	Full White (lm/m)
4000K 12°	4405
4000K 15°	4361
4000K 25°	4449
4000K 45°	4156
4000K 60°	4073
4000K 12°x22°	4539
4000K 15°x40°	4494
4000K 30°x60°	4314
5000K 12°	4449
5000K 15°	4405
5000K 25°	4494
5000K 45°	4197
5000K 60°	4113
5000K 12°x22°	4584
5000K 15°x40°	4539
5000K 30°x60°	4357

Photometric Distribution

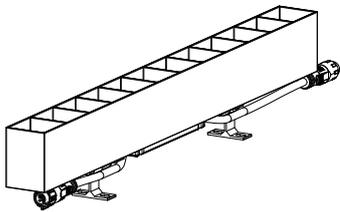


Dimensions

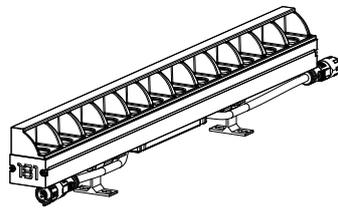


*The dimensions shown are not to scale. Please refer to the Dimension Sheet V2 document for additional dimensions.

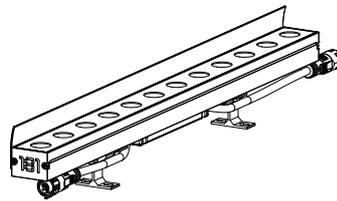
Accessories Options



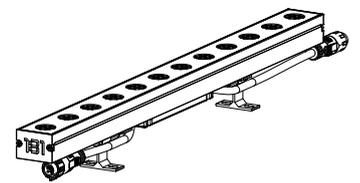
Glare Shield



Half Glare Shield

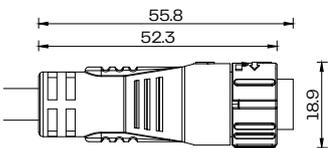


Quarter Glare Shield

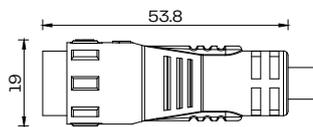


Honeycomb

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

Linear G54

Reference	Description
3451705	Linear G54 2700K 12° 1000
3451713	Linear G54 2700K 15° 1000
3451721	Linear G54 2700K 25° 1000
3451729	Linear G54 2700K 45° 1000
3451737	Linear G54 2700K 60° 1000
3451745	Linear G54 2700K 12°x22° 1000
3451753	Linear G54 2700K 15°x40° 1000
3451761	Linear G54 2700K 30°x60° 1000
3451706	Linear G54 3000K 12° 1000
3451714	Linear G54 3000K 15° 1000
3451722	Linear G54 3000K 25° 1000
3451730	Linear G54 3000K 45° 1000
3451738	Linear G54 3000K 60° 1000
3451746	Linear G54 3000K 12°x22° 1000
3451754	Linear G54 3000K 15°x40° 1000
3451762	Linear G54 3000K 30°x60° 1000
3451707	Linear G54 4000K 12° 1000
3451715	Linear G54 4000K 15° 1000
3451723	Linear G54 4000K 25° 1000
3451731	Linear G54 4000K 45° 1000
3451739	Linear G54 4000K 60° 1000
3451747	Linear G54 4000K 12°x22° 1000
3451755	Linear G54 4000K 15°x40° 1000
3451763	Linear G54 4000K 30°x60° 1000
3451708	Linear G54 5000K 12° 1000
3451716	Linear G54 5000K 15° 1000
3451724	Linear G54 5000K 25° 1000
3451732	Linear G54 5000K 45° 1000
3451740	Linear G54 5000K 60° 1000
3451748	Linear G54 5000K 12°x22° 1000
3451756	Linear G54 5000K 15°x40° 1000
3451764	Linear G54 5000K 30°x60° 1000

Accessories

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