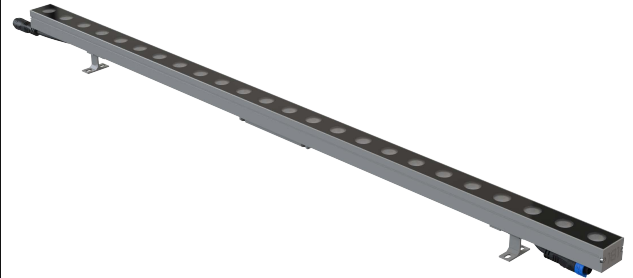


The Linear G24 White delivers uniform illumination for outdoor architectural applications requiring fixed-temperature lighting, making it ideal for continuous facade grazing, washing, building perimeter lighting and landscape architectural features where consistent light quality and minimal maintenance are essential in exposed outdoor environments.

It is available in 2200K, 2700K, 3000K, 3500, 4000K, 5000K, 5700K and 6500K. With a wide range of beam angle options (12° to 60°) and specialized asymmetric distributions, the Linear G100 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)	24
Input Voltage (V DC)	48
LEDs (/m)	24
LED Pitch (mm)	41,6
Delivered Lumens (/m)	2539
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	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	
<input type="checkbox"/> 2200K	<input type="checkbox"/> 4000K
<input type="checkbox"/> 2700K	<input type="checkbox"/> 5000K
<input type="checkbox"/> 3000K	<input type="checkbox"/> 5700K
<input type="checkbox"/> 3500K	<input type="checkbox"/> 6500K

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	

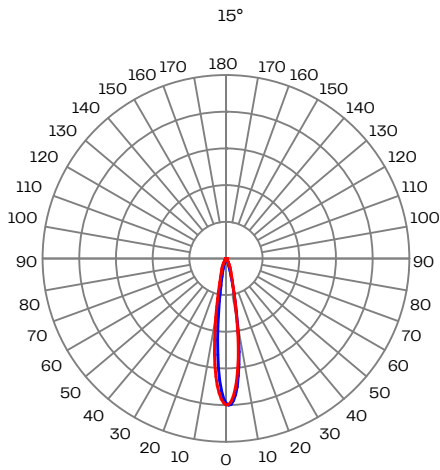
Lighting Specifications

Linear G24

	Full White (lm/m)
2200K 12°	1920
2200K 15°	1901
2200K 25°	1883
2200K 45°	1786
2200K 60°	1750
2200K 12°x22°	1911
2200K 15°x40°	1902
2200K 15°x55°	1883
2200K 30°x60°	1845
2700K 12°	2259
2700K 15°	2237
2700K 25°	2215
2700K 45°	2101
2700K 60°	2059
2700K 12°x22°	2248
2700K 15°x40°	2237
2700K 15°x55°	2215
2700K 30°x60°	2171
3000K 12°	2327
3000K 15°	2304
3000K 25°	2281
3000K 45°	2164
3000K 60°	2121
3000K 12°x22°	2316
3000K 15°x40°	2304
3000K 15°x55°	2281
3000K 30°x60°	2236
3500K 12°	2372
3500K 15°	2349
3500K 25°	2326
3500K 45°	2206
3500K 60°	2162
3500K 12°x22°	2361
3500K 15°x40°	2349
3500K 15°x55°	2326
3500K 30°x60°	2279

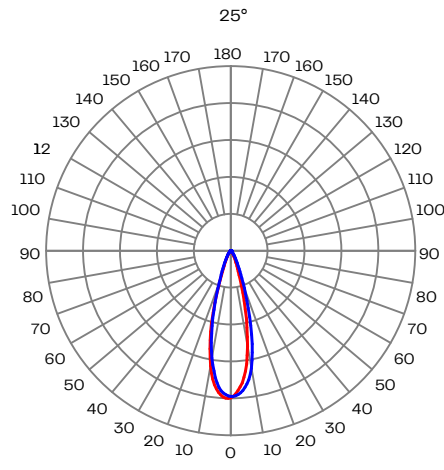
	Full White (lm/m)
4000K 12°	2440
4000K 15°	2416
4000K 25°	2392
4000K 45°	2269
4000K 60°	2224
4000K 12°x22°	2428
4000K 15°x40°	2416
4000K 15°x55°	2392
4000K 30°x60°	2344
5000K 12°	2489
5000K 15°	2464
5000K 25°	2440
5000K 45°	2315
5000K 60°	2268
5000K 12°x22°	2477
5000K 15°x40°	2464
5000K 15°x55°	2440
5000K 30°x60°	2391
5700K 12°	2539
5700K 15°	2513
5700K 25°	2489
5700K 45°	2361
5700K 60°	2314
5700K 12°x22°	2526
5700K 15°x40°	2514
5700K 15°x55°	2489
5700K 30°x60°	2439
6500K 12°	2541
6500K 15°	2516
6500K 25°	2491
6500K 45°	2363
6500K 60°	2316
6500K 12°x22°	2529
6500K 15°x40°	2516
6500K 15°x55°	2491
6500K 30°x60°	2442

Photometric Distribution



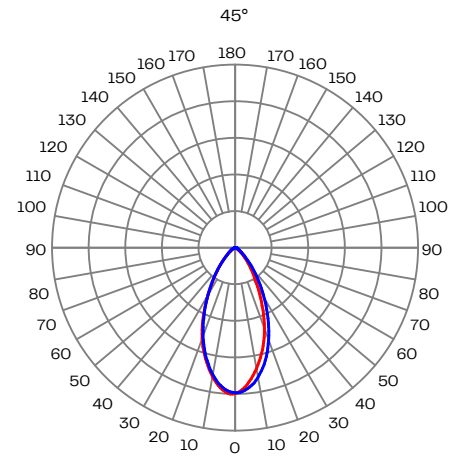
Average Diffuse Angle(50%): 17.1°

— C0-C180 — C90-C270



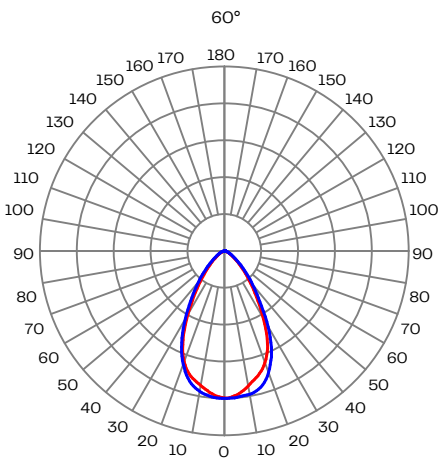
Average Diffuse Angle(50%): 28.9°

— C0-C180 — C90-C270



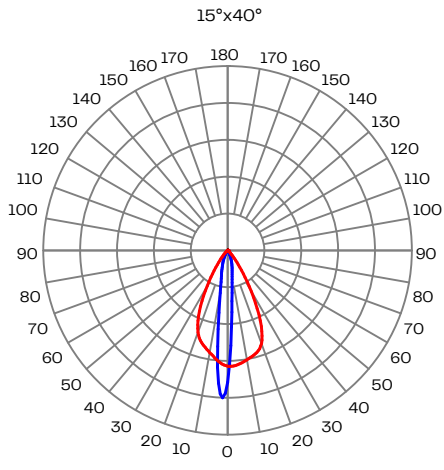
Average Diffuse Angle(50%): 50.0°

— C0-C180 — C90-C270



Average Diffuse Angle(50%): 62.3°

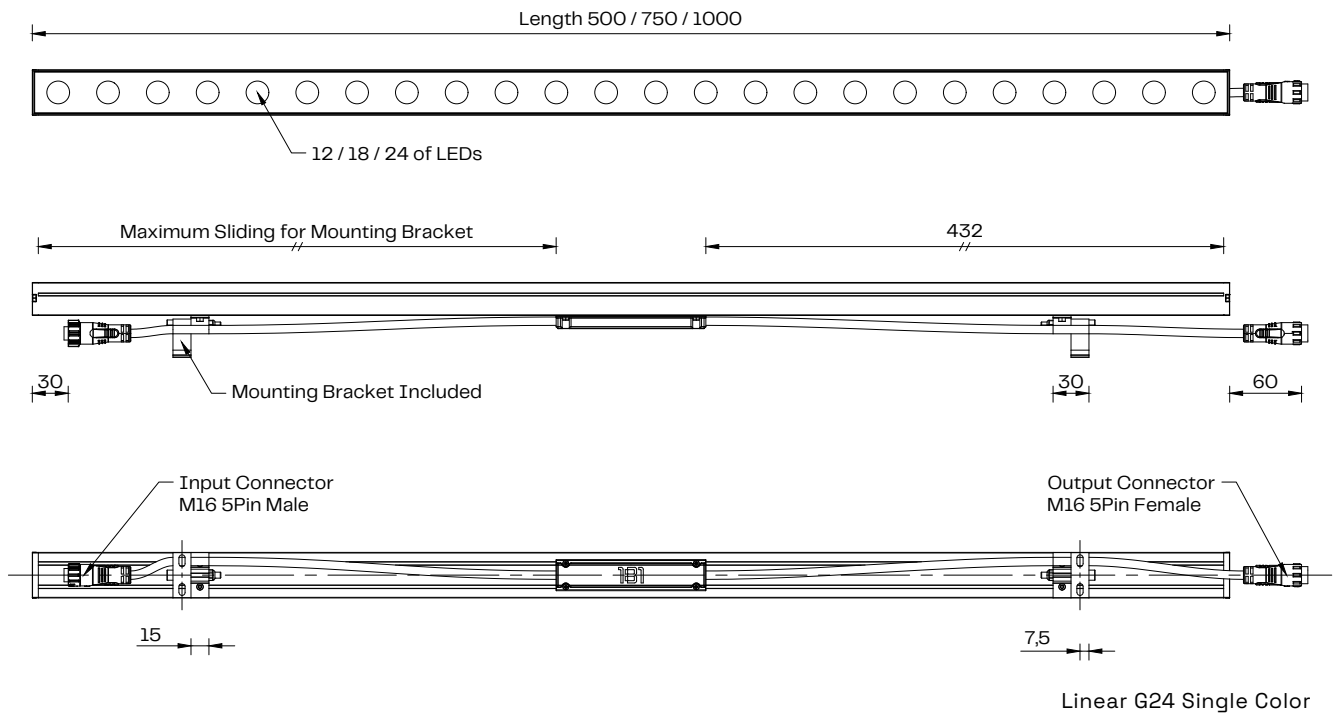
— C0-C180 — C90-C270



Average Diffuse Angle(50%): 32.8°

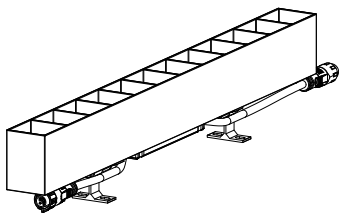
— C0-C180 — C90-C270

Dimensions

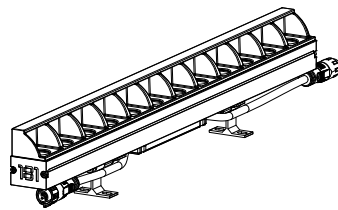


*The dimensions shown are not to scale. Please refer to the Dimension Sheet V2 document for additional dimensions.

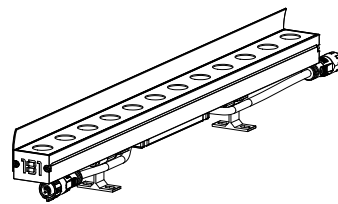
Accessories Options



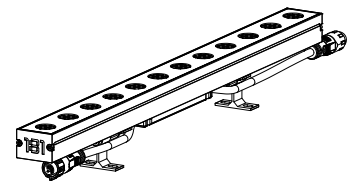
Glare Shield



Half Glare Shield

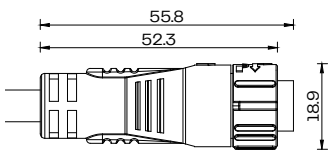


Quarter Glare Shield

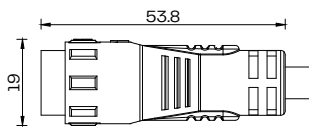


Honeycomb

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 G24

Reference	Description
3451201	Linear G24 2200K 12° 1000
3451202	Linear G24 2200K 15° 1000
3451203	Linear G24 2200K 25° 1000
3451204	Linear G24 2200K 45° 1000
3451205	Linear G24 2200K 60° 1000
3451206	Linear G24 2200K 12°x22° 1000
3451207	Linear G24 2200K 15°x40° 1000
3451208	Linear G24 2200K 15°x55° 1000
3451209	Linear G24 2200K 30°x60° 1000
3451210	Linear G24 2700K 12° 1000
3451211	Linear G24 2700K 15° 1000
3451212	Linear G24 2700K 25° 1000
3451213	Linear G24 2700K 45° 1000
3451214	Linear G24 2700K 60° 1000
3451215	Linear G24 2700K 12°x22° 1000
3451216	Linear G24 2700K 15°x40° 1000
3451217	Linear G24 2700K 15°x55° 1000
3451218	Linear G24 2700K 30°x60° 1000
3451237	Linear G24 4000K 12° 1000
3451238	Linear G24 4000K 15° 1000
3451239	Linear G24 4000K 25° 1000
3451240	Linear G24 4000K 45° 1000
3451241	Linear G24 4000K 60° 1000
3451242	Linear G24 4000K 12°x22° 1000
3451243	Linear G24 4000K 15°x40° 1000
3451244	Linear G24 4000K 15°x55° 1000
3451245	Linear G24 4000K 30°x60° 1000
3451246	Linear G24 5000K 12° 1000
3451247	Linear G24 5000K 15° 1000
3451248	Linear G24 5000K 25° 1000
3451249	Linear G24 5000K 45° 1000
3451250	Linear G24 5000K 60° 1000
3451251	Linear G24 5000K 12°x22° 1000
3451252	Linear G24 5000K 15°x40° 1000
3451253	Linear G24 5000K 15°x55° 1000
3451254	Linear G24 5000K 30°x60° 1000

Reference	Description
3451219	Linear G24 3000K 12° 1000
3451220	Linear G24 3000K 15° 1000
3451221	Linear G24 3000K 25° 1000
3451222	Linear G24 3000K 45° 1000
3451223	Linear G24 3000K 60° 1000
3451224	Linear G24 3000K 12°x22° 1000
3451225	Linear G24 3000K 15°x40° 1000
3451226	Linear G24 3000K 15°x55° 1000
3451227	Linear G24 3000K 30°x60° 1000
3451228	Linear G24 3500K 12° 1000
3451229	Linear G24 3500K 15° 1000
3451230	Linear G24 3500K 25° 1000
3451231	Linear G24 3500K 45° 1000
3451232	Linear G24 3500K 60° 1000
3451233	Linear G24 3500K 12°x22° 1000
3451234	Linear G24 3500K 15°x40° 1000
3451235	Linear G24 3500K 15°x55° 1000
3451236	Linear G24 3500K 30°x60° 1000
3451255	Linear G24 5700K 12° 1000
3451256	Linear G24 5700K 15° 1000
3451257	Linear G24 5700K 25° 1000
3451258	Linear G24 5700K 45° 1000
3451259	Linear G24 5700K 60° 1000
3451260	Linear G24 5700K 12°x22° 1000
3451261	Linear G24 5700K 15°x40° 1000
3451262	Linear G24 5700K 15°x55° 1000
3451263	Linear G24 5700K 30°x60° 1000
3451264	Linear G24 6500K 12° 1000
3451265	Linear G24 6500K 15° 1000
3451266	Linear G24 6500K 25° 1000
3451267	Linear G24 6500K 45° 1000
3451268	Linear G24 6500K 60° 1000
3451269	Linear G24 6500K 12°x22° 1000
3451270	Linear G24 6500K 15°x40° 1000
3451271	Linear G24 6500K 15°x55° 1000
3451272	Linear G24 6500K 30°x60° 1000

Accessories

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