

The Linear G36 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 2200K to cool 6500K, 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 G36 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)	36
Input Voltage (V DC)	48
LEDs (/m)	24
LED Pitch (mm)	41,6
Delivered Lumens (/m)	3376
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	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)	2,8
Dimensions WxH (mm)	42 x 63,7
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	

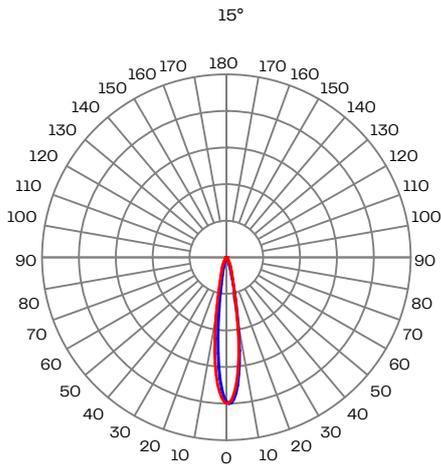
Lighting Specifications

Linear G36

	Full White (lm/m)
2200K 12°	2797
2200K 15°	2769
2200K 25°	2742
2200K 45°	2601
2200K 60°	2549
2200K 12°x22°	2797
2200K 15°x40°	2769
2200K 30°x60°	2659
2700K 12°	2975
2700K 15°	2946
2700K 25°	2917
2700K 45°	2767
2700K 60°	2712
2700K 12°x22°	2976
2700K 15°x40°	2946
2700K 30°x60°	2828
3000K 12°	3035
3000K 15°	3004
3000K 25°	2975
3000K 45°	2822
3000K 60°	2766
3000K 12°x22°	3035
3000K 15°x40°	3005
3000K 30°x60°	2885
3500K 12°	3096
3500K 15°	3065
3500K 25°	3035
3500K 45°	2879
3500K 60°	2821
3500K 12°x22°	3096
3500K 15°x40°	3065
3500K 30°x60°	2943

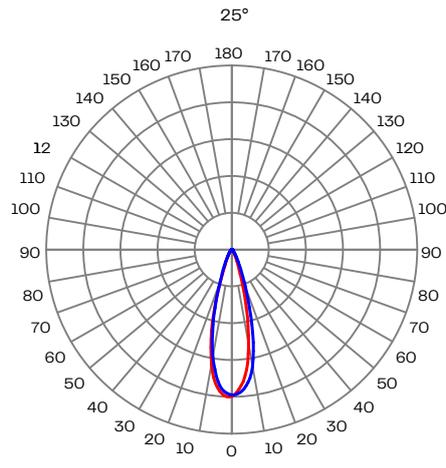
	Full White (lm/m)
4000K 12°	3188
4000K 15°	3157
4000K 25°	3126
4000K 45°	2965
4000K 60°	2906
4000K 12°x22°	3189
4000K 15°x40°	3157
4000K 30°x60°	3031
5000K 12°	3284
5000K 15°	3251
5000K 25°	3220
5000K 45°	3054
5000K 60°	2993
5000K 12°x22°	3284
5000K 15°x40°	3252
5000K 30°x60°	3122
5700K 12°	3350
5700K 15°	3316
5700K 25°	3284
5700K 45°	3115
5700K 60°	3053
5700K 12°x22°	3350
5700K 15°x40°	3317
5700K 30°x60°	3184
6500K 12°	3366
6500K 15°	3333
6500K 25°	3300
6500K 45°	3131
6500K 60°	3068
6500K 12°x22°	3367
6500K 15°x40°	3333
6500K 30°x60°	3200

Photometric Distribution



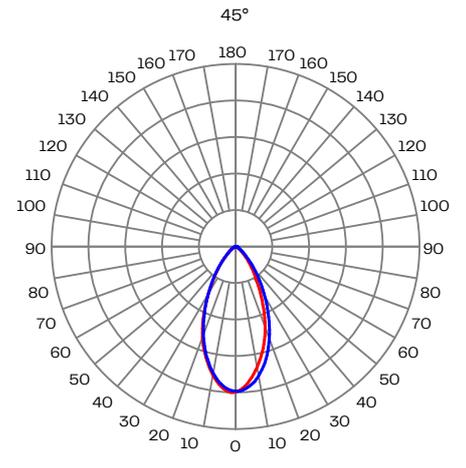
Average Diffuse Angle(50%): 17.1°

— C0-C180 — C90-C270



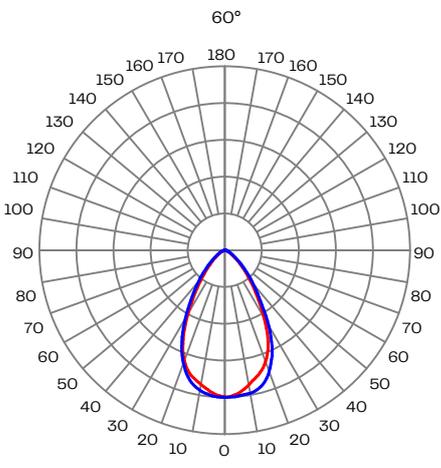
Average Diffuse Angle(50%): 28.9°

— C0-C180 — C90-C270



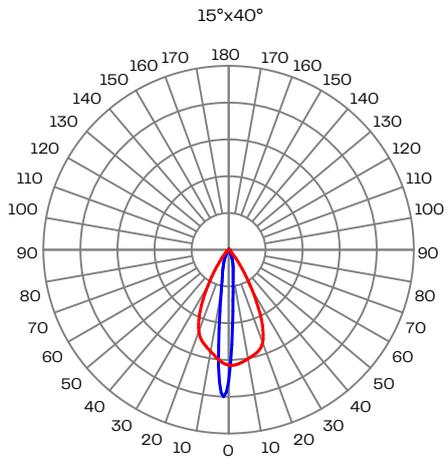
Average Diffuse Angle(50%): 50.0°

— C0-C180 — C90-C270



Average Diffuse Angle(50%): 62.3°

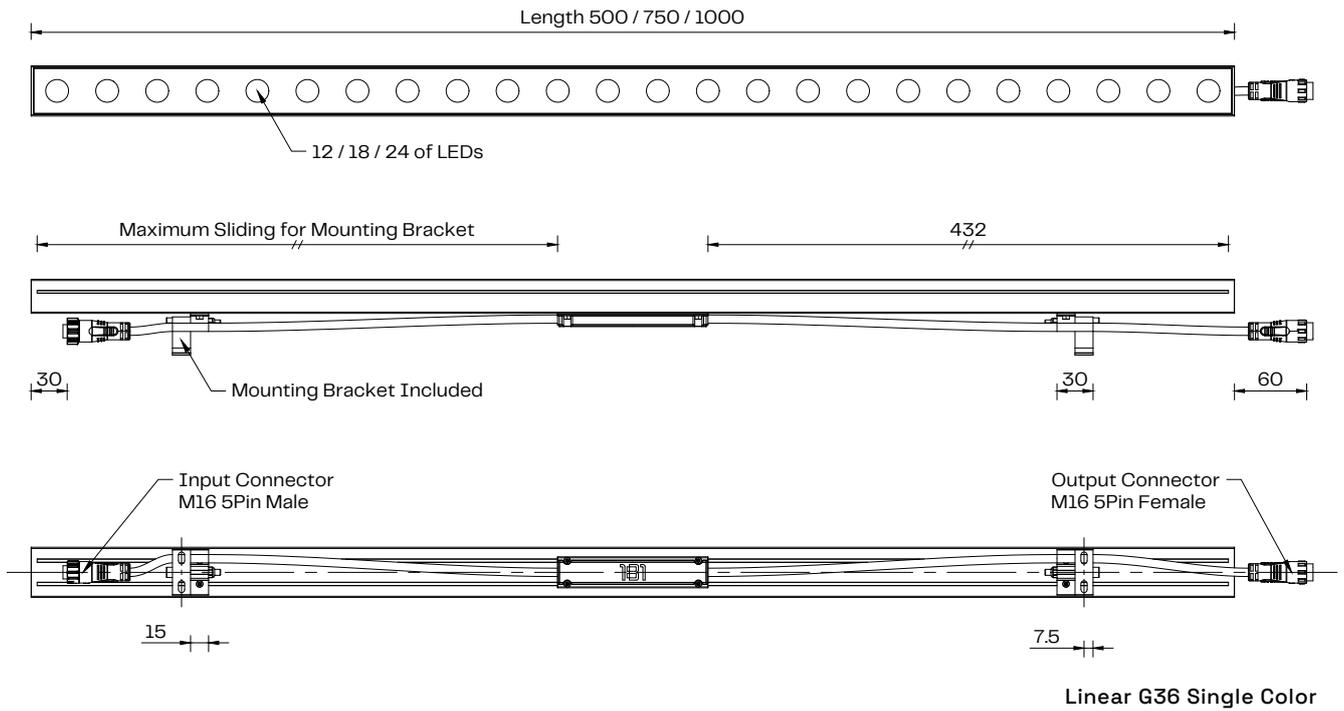
— C0-C180 — C90-C270



Average Diffuse Angle(50%): 32.8°

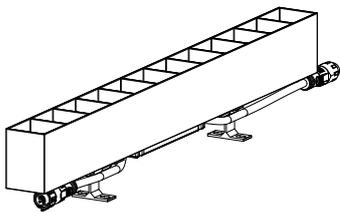
— C0-C180 — C90-C270

Dimensions

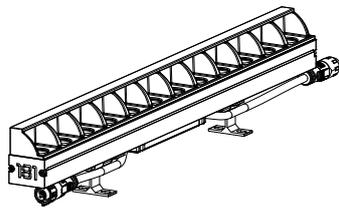


*The dimensions shown are not to scale. Please refer to the Dimension Sheet V2 document for additional dimensions.

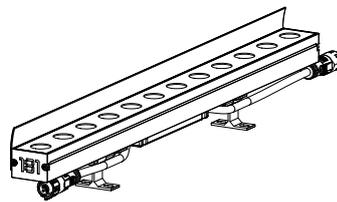
Accessories Options



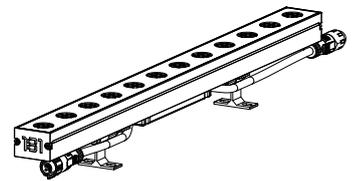
Glare Shield



Half Glare Shield

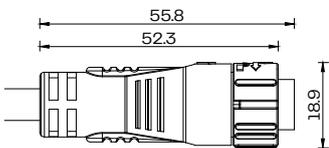


Quarter Glare Shield

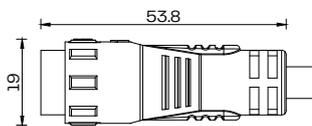


Honeycomb

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 G

Reference	Description
3451351	Linear G36 2200K 12° 1000
3451359	Linear G36 2200K 15° 1000
3451367	Linear G36 2200K 25° 1000
3451375	Linear G36 2200K 45° 1000
3451383	Linear G36 2200K 60° 1000
3451391	Linear G36 2200K 12°x22° 1000
3451399	Linear G36 2200K 15°x40° 1000
3451407	Linear G36 2200K 30°x60° 1000
3451352	Linear G36 2700K 12° 1000
3451360	Linear G36 2700K 15° 1000
3451368	Linear G36 2700K 25° 1000
3451376	Linear G36 2700K 45° 1000
3451384	Linear G36 2700K 60° 1000
3451392	Linear G36 2700K 12°x22° 1000
3451400	Linear G36 2700K 15°x40° 1000
3451408	Linear G36 2700K 30°x60° 1000
3451356	Linear G36 5000K 12° 1000
3451364	Linear G36 5000K 15° 1000
3451372	Linear G36 5000K 25° 1000
3451380	Linear G36 5000K 45° 1000
3451388	Linear G36 5000K 60° 1000
3451396	Linear G36 5000K 12°x22° 1000
3451404	Linear G36 5000K 15°x40° 1000
3451412	Linear G36 5000K 30°x60° 1000
3451353	Linear G36 3000K 12° 1000
3451361	Linear G36 3000K 15° 1000
3451369	Linear G36 3000K 25° 1000
3451377	Linear G36 3000K 45° 1000
3451385	Linear G36 3000K 60° 1000
3451393	Linear G36 3000K 12°x22° 1000
3451401	Linear G36 3000K 15°x40° 1000
3451409	Linear G36 3000K 30°x60° 1000

Reference	Description
3451354	Linear G36 3500K 12° 1000
3451362	Linear G36 3500K 15° 1000
3451370	Linear G36 3500K 25° 1000
3451378	Linear G36 3500K 45° 1000
3451386	Linear G36 3500K 60° 1000
3451394	Linear G36 3500K 12°x22° 1000
3451402	Linear G36 3500K 15°x40° 1000
3451410	Linear G36 3500K 30°x60° 1000
3451355	Linear G36 4000K 12° 1000
3451363	Linear G36 4000K 15° 1000
3451371	Linear G36 4000K 25° 1000
3451379	Linear G36 4000K 45° 1000
3451387	Linear G36 4000K 60° 1000
3451395	Linear G36 4000K 12°x22° 1000
3451403	Linear G36 4000K 15°x40° 1000
3451411	Linear G36 4000K 30°x60° 1000
3451357	Linear G36 5700K 12° 1000
3451365	Linear G36 5700K 15° 1000
3451373	Linear G36 5700K 25° 1000
3451381	Linear G36 5700K 45° 1000
3451389	Linear G36 5700K 60° 1000
3451397	Linear G36 5700K 12°x22° 1000
3451405	Linear G36 5700K 15°x40° 1000
3451413	Linear G36 5700K 30°x60° 1000
3451358	Linear G36 6500K 12° 1000
3451366	Linear G36 6500K 15° 1000
3451374	Linear G36 6500K 25° 1000
3451382	Linear G36 6500K 45° 1000
3451390	Linear G36 6500K 60° 1000
3451398	Linear G36 6500K 12°x22° 1000
3451406	Linear G36 6500K 15°x40° 1000
3451414	Linear G36 6500K 30°x60° 1000

Accessories

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