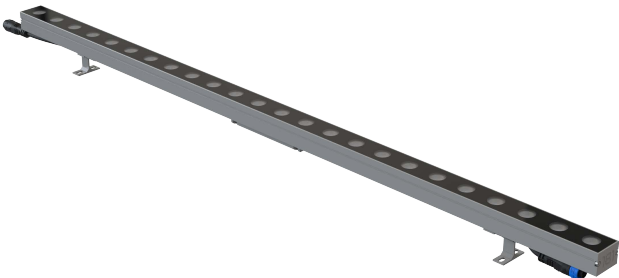


The Linear G24 RGBW offers dynamic color control for outdoor architectural applications such as façade grazing and washing, accent lighting, and landscape features. This weatherproof fixture combines full-spectrum RGB with white channels (2700K–5000K), ideal for commercial exteriors, hospitality, and public spaces.

With beam angle options from precise 25° accent lighting to broad 60° façade washes plus specialized asymmetric 20°x40° distribution, it delivers precise optical control for sophisticated lighting schemes requiring seamless color transitions.

⌵ 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)	2347 (G 25°)	
Pixels (/m)	4	
Flicker Frequency (kHz)	16	
LED Type	4in1	
Channels (/m)	16	
Color Range	RGBW	
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	32
Maximum Run Length PxLNet (m)	@40fps	128
	@60fps	64
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
☐ RGBW2700K
☐ RGBW3000K
☐ RGBW4000K
☐ RGBW5000K

Accessories	
☐ Glare Shield	☐ Quarter Glare Shield
☐ Half Glare Shield	☐ Honeycomb

Optics
☐ 25°
☐ 45°
☐ 60°
☐ 20°x40°

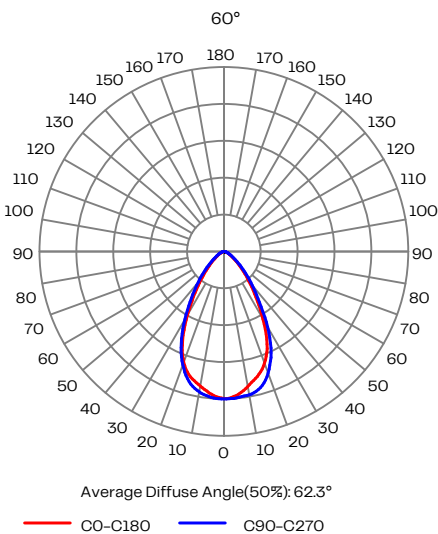
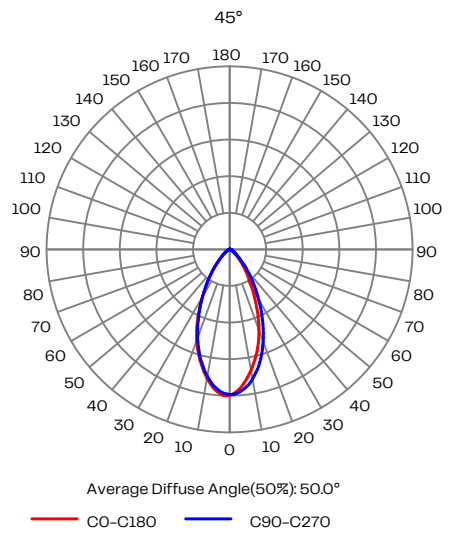
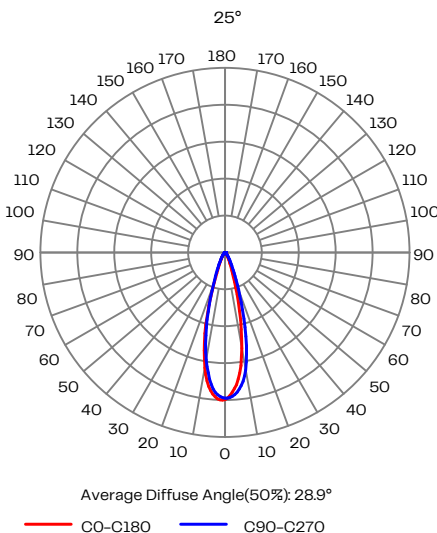
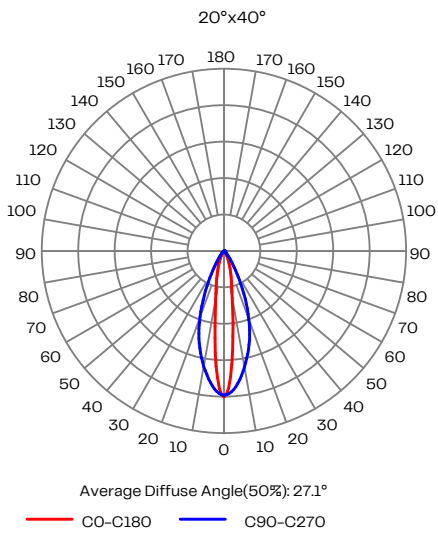
Control
☐ DMX (RDM)
☐ PxLNet

Lighting Specifications

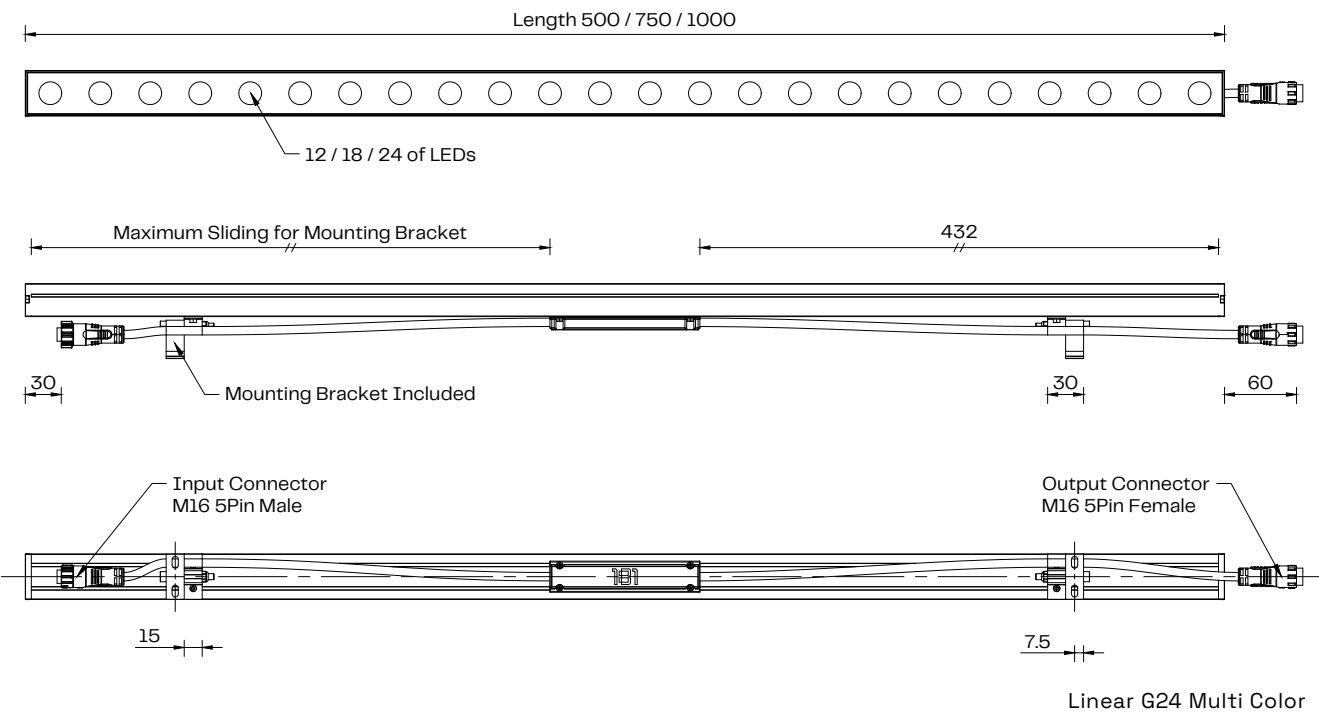
Linear G24

	Full White (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	White (lm/m)
RGBW2700K 25°	1250	870	2212	344	1543
RGBW2700K 45°	1411	795	2096	314	1411
RGBW2700K 60°	1216	846	2152	335	1501
RGBW2700K 20°x40°	1137	791	2011	313	1402
RGBW3000K 25°	1276	888	2257	351	1574
RGBW3000K 45°	1211	843	2142	333	1494
RGBW3000K 60°	1044	726	1847	287	1288
RGBW3000K 20°x40°	1160	807	2052	319	1431
RGBW4000K 25°	1327	923	2347	365	1637
RGBW4000K 45°	1259	876	2228	346	1554
RGBW4000K 60°	1086	755	1921	299	1339
RGBW4000K 20°x40°	1206	839	2134	332	1488
RGBW5000K 25°	1287	896	2277	354	1588
RGBW5000K 45°	1222	850	2161	336	1507
RGBW5000K 60°	1053	733	1863	290	1299
RGBW5000K 20°x40°	1170	814	2070	322	1444

Photometric Distribution

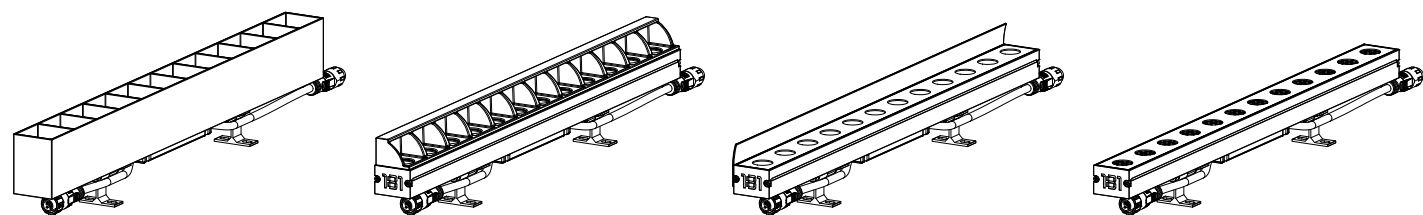


Dimensions



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

Accessories Options



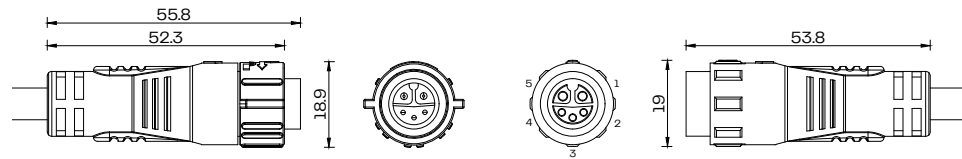
Glare Shield

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 G24

Reference	Description
3451101	Linear G24 RGBW2700K 25° 1000
3451105	Linear G24 RGBW2700K 45° 1000
3451109	Linear G24 RGBW2700K 60° 1000
3451113	Linear G24 RGBW2700K 20°x40° 1000
3451102	Linear G24 RGBW3000K 25° 1000
3451106	Linear G24 RGBW3000K 45° 1000
3451110	Linear G24 RGBW3000K 60° 1000
3451114	Linear G24 RGBW3000K 20°x40° 1000
3451103	Linear G24 RGBW4000K 25° 1000
3451107	Linear G24 RGBW4000K 45° 1000
3451111	Linear G24 RGBW4000K 60° 1000
3451115	Linear G24 RGBW4000K 20°x40° 1000
3451104	Linear G24 RGBW5000K 25° 1000
3451108	Linear G24 RGBW5000K 45° 1000
3451112	Linear G24 RGBW5000K 60° 1000
3451116	Linear G24 RGBW5000K 20°x40° 1000

Accessories

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