

The Beam luminaires deliver precision architectural lighting with exceptional versatility for accent, façade, grazing, and decorative applications. Perfect for illuminating façades, landmarks, parks, and landscapes with high lumen output, efficiency, color consistency, and long-term reliability.

The Beam F36 multicolor RGBW is perfect for a dynamic lighting scheme with High-quality white light and saturated colors, all with optimum color accuracy. They come with environmental protection including a coastal proof rating. With beam angles from 15° to 60° and asymmetric distributions, it provides precise optical control for diverse lighting applications.

- High-Frequency LED Drive – 16kHz flicker-free operation for broadcast and film-safe applications
- Asymmetric Beam Architecture – Specialized oval distributions for precise architectural washing and grazing effects



CE

RoHS

IP67

IK08

Specifications

General	
Power Consumption (W)	36
Input Voltage (V DC)	48
LEDs (/pc)	18
Pixels (/pc)	1
Flicker Frequency (kHz)	16
LED Type	4in1
Channels (/pc)	4
Color Range	RGBW
CRI	≥80 (Custom on request)
Control	DMX(RDM)/PxLNet
Dimming	16 Bit

Installation Conditions & Lighting Data		
Maximum Run Length (pcs)	10	
Delivered Lumen Full White (lm)	1771 (RGBW3000K 45°)	
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	64
Maximum Data Run Length PxLNet (pcs)	@40fps	512
	@60fps	256
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	-40 to +90
Working Temperature (°C)	-30 to +85
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 (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/pc)	2,55
Dimensions WxHxD (mm)	206 x 180 x 210

Options

Color/CCT
☐ RGBW2700K
☐ RGBW3000K
☐ RGBW4000K
☐ RGBW5000K

Optics	
☐ 15°	
☐ 25°	
☐ 45°	
☐ 60°	
☐ 20°x40° ¹	
¹ Both Horizontal and Vertical alignment available	

Control
☐ DMX (RDM)
☐ PxLNet

Accessories
☐ Half Glare Shield
☐ Honeycomb

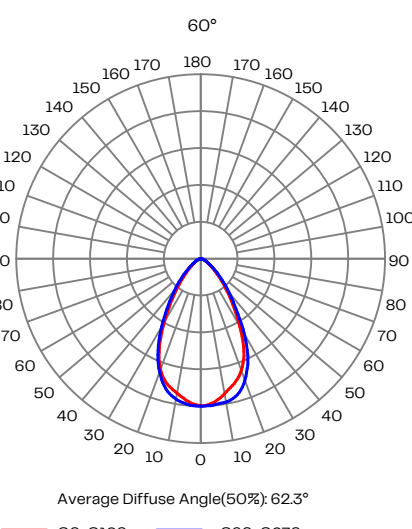
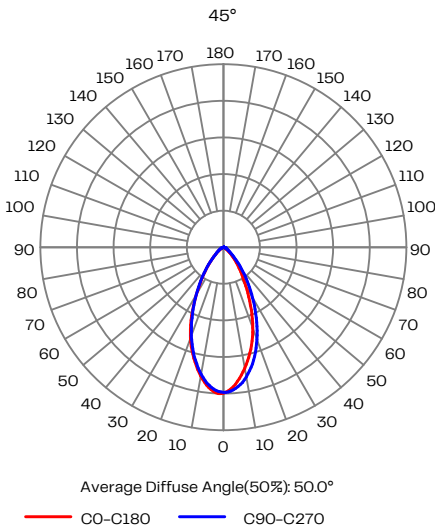
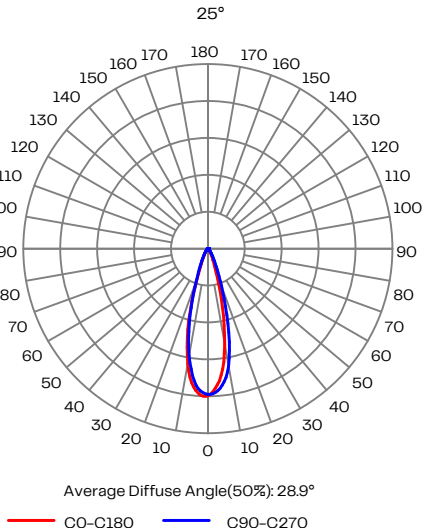
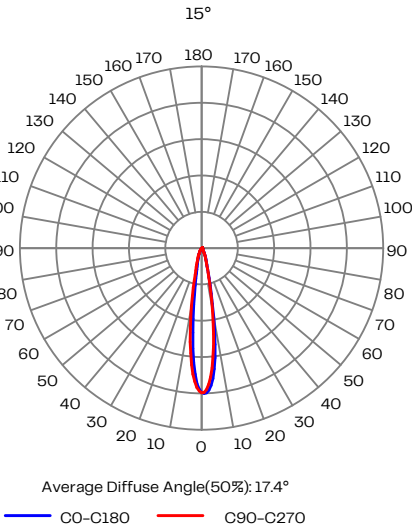
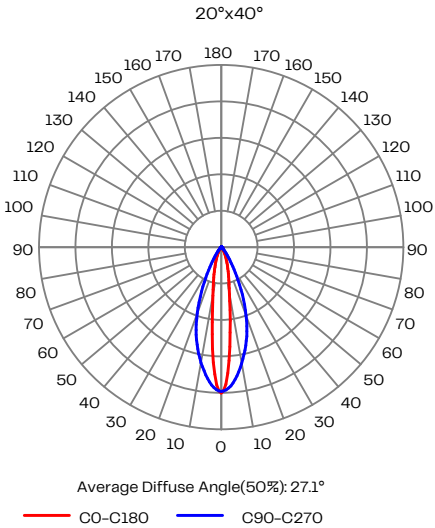
Lighting Specifications

Beam F36

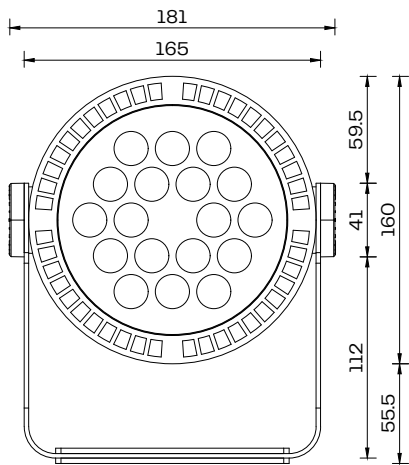
	Full White (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	White (lm/m)
RGBW2700K 15°	1701	1306	2911	391	2284
RGBW2700K 25°	1718	1319	2941	395	2307
RGBW2700K 45°	1736	1333	2970	399	2330
RGBW2700K 60°	1684	1293	2882	387	2261
RGBW2700K 20°x40°	1632	1253	2794	375	2192
RGBW3000K 15°	1736	1333	2970	399	2330
RGBW3000K 25°	1753	1346	3001	403	2354
RGBW3000K 45°	1771	1360	3031	407	2378
RGBW3000K 60°	1718	1319	2941	395	2307
RGBW3000K 20°x40°	1666	1279	2851	383	2237

	Full White (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	White (lm/m)
RGBW4000K 15°	1788	1373	3059	411	2400
RGBW4000K 25°	1806	1387	3091	415	2425
RGBW4000K 45°	1824	1401	3122	419	2449
RGBW4000K 60°	1770	1359	3029	407	2376
RGBW4000K 20°x40°	1716	1317	2936	394	2304
RGBW5000K 15°	1753	1346	3000	403	2354
RGBW5000K 25°	1771	1360	3031	407	2378
RGBW5000K 45°	1789	1374	3061	411	2402
RGBW5000K 60°	1735	1333	2970	399	2330
RGBW5000K 20°x40°	1682	1292	2879	387	2259

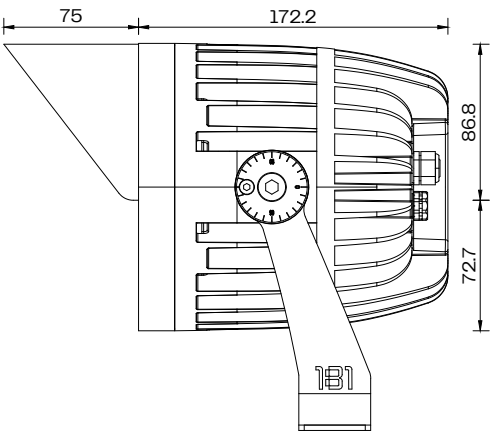
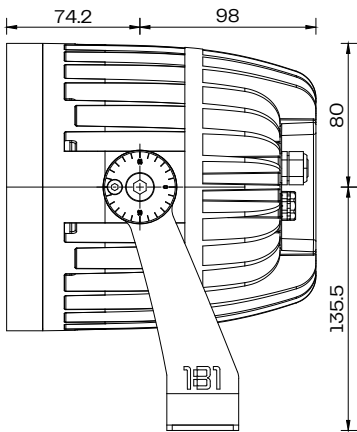
Photometric Distribution



Dimensions



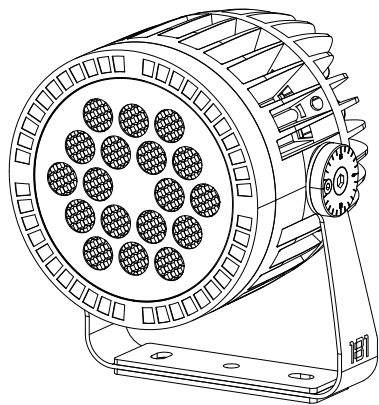
Beam F36 Multi Color



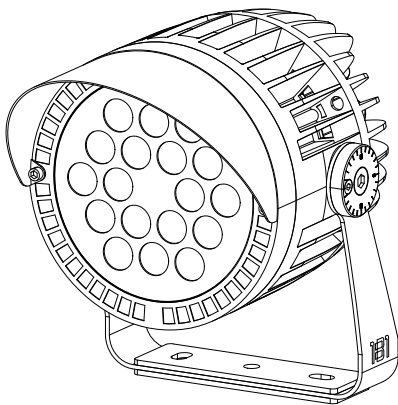
Half Glare Shield

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

Accessories Options

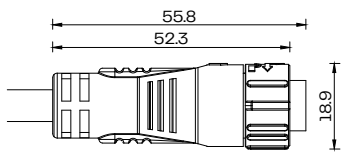


Honeycomb

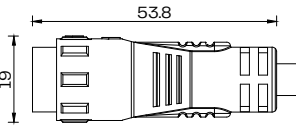


Half Glare Shield

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

Beam

Reference	Description
3429101	Beam F36 RGBW2700K 15°
3429105	Beam F36 RGBW2700K 25°
3429109	Beam F36 RGBW2700K 45°
3429112	Beam F36 RGBW2700K 60°
3429116	Beam F36 RGBW2700K 20°x40°
3429102	Beam F36 RGBW3000K 15°
3429106	Beam F36 RGBW3000K 25°
3429176	Beam F36 RGBW3000K 45°
3429113	Beam F36 RGBW3000K 60°
3429117	Beam F36 RGBW3000K 20°x40°
3429103	Beam F36 RGBW4000K 15°
3429107	Beam F36 RGBW4000K 25°
3429110	Beam F36 RGBW4000K 45°
3429114	Beam F36 RGBW4000K 60°
3429118	Beam F36 RGBW4000K 20°x40°
3429104	Beam F36 RGBW5000K 15°
3429108	Beam F36 RGBW5000K 25°
3429111	Beam F36 RGBW5000K 45°
3429115	Beam F36 RGBW5000K 60°
3429119	Beam F36 RGBW5000K 20°x40°

Accessories

Reference	Description
3990972	Honeycomb
3990982	Half Glare Shield