

Beam F72 Multi Color RGBW

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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 F72 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)	72
Input Voltage (V DC)	48
LEDs (/pc)	24
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)	6	
Delivered Lumen Full White (lm)	3607 (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)	4,8
Dimensions WxH (mm)	225 x 265

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

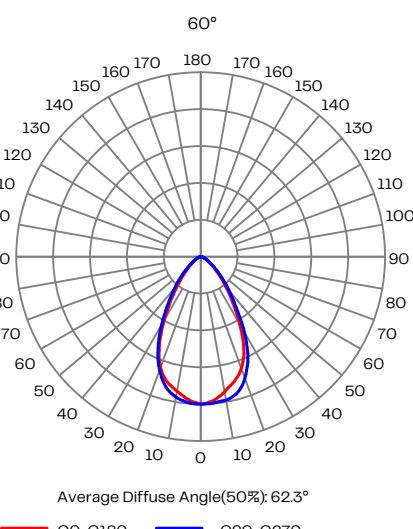
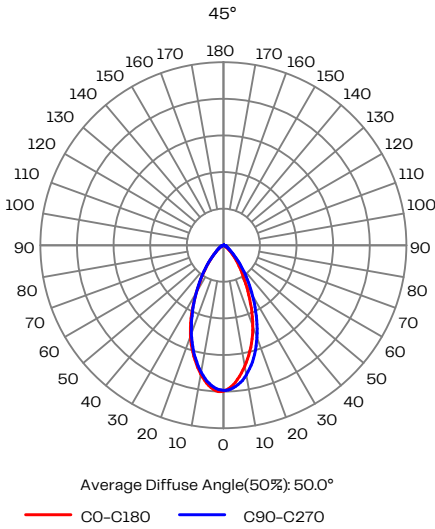
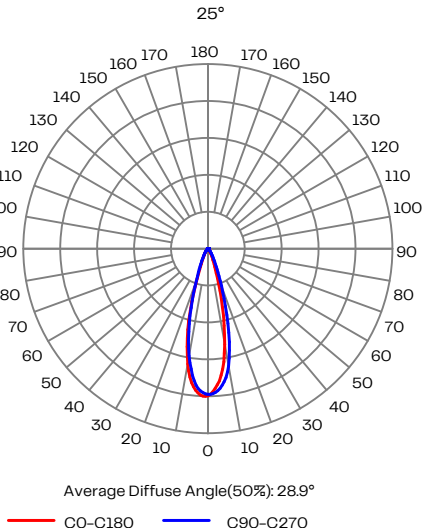
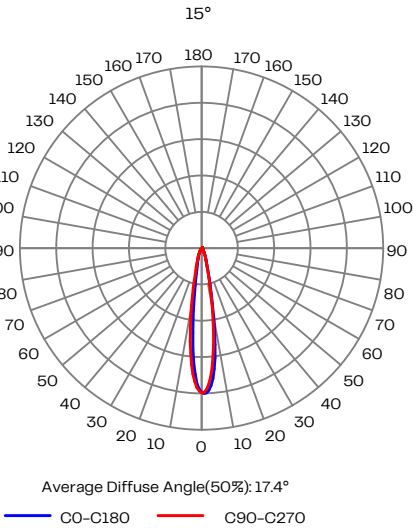
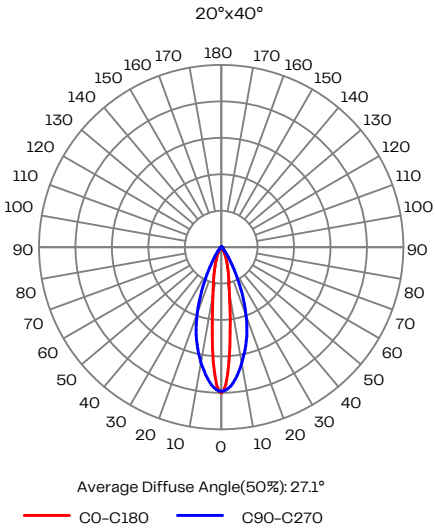
Lighting Specifications

Beam F72

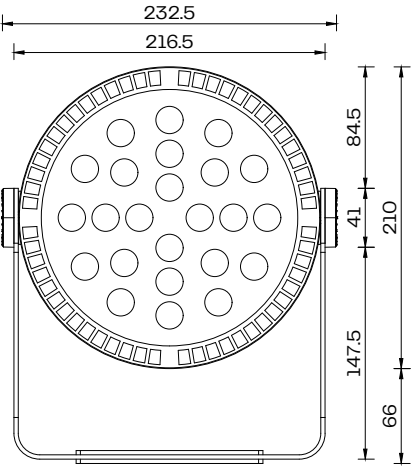
	Full White (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	White (lm/m)
RGBW2700K 15°	4320	2159	4554	765	3468
RGBW2700K 25°	4149	2074	4374	735	3331
RGBW2700K 45°	4361	2179	4597	772	3501
RGBW2700K 60°	4191	2095	4418	742	3365
RGBW2700K 20°x40°	4149	2074	4374	735	3331
RGBW3000K 15°	4320	2159	4554	765	3468
RGBW3000K 25°	4149	2074	4374	735	3331
RGBW3000K 45°	4361	2179	4597	772	3501
RGBW3000K 60°	4191	2095	4418	742	3365
RGBW3000K 20°x40°	4149	2074	4374	735	3331

	Full White (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	White (lm/m)
RGBW4000K 15°	4491	2244	4734	795	3605
RGBW4000K 25°	4315	2156	4549	764	3464
RGBW4000K 45°	4535	2266	4781	803	3641
RGBW4000K 60°	4359	2178	4595	772	3499
RGBW4000K 20°x40°	4315	2156	4549	764	3464
RGBW5000K 15°	4320	2159	4554	765	3468
RGBW5000K 25°	4149	2074	4374	735	3331
RGBW5000K 45°	4361	2179	4597	772	3501
RGBW5000K 60°	4191	2095	4418	742	3365
RGBW5000K 20°x40°	4149	2074	4374	735	3331

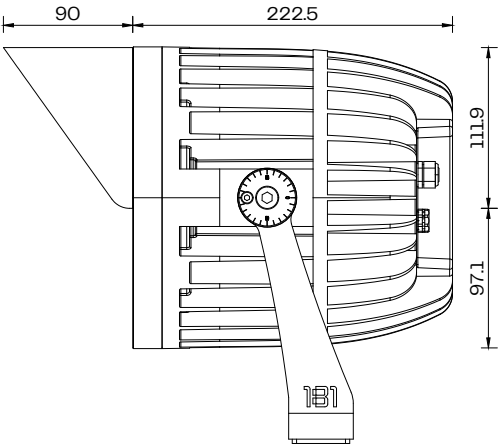
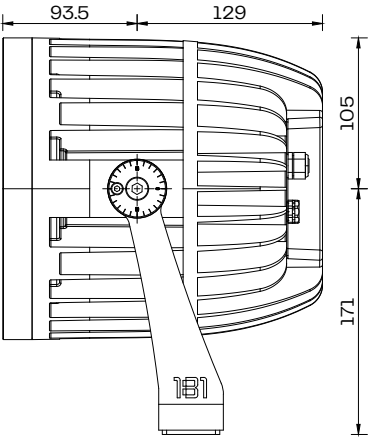
Photometric Distribution



Dimensions



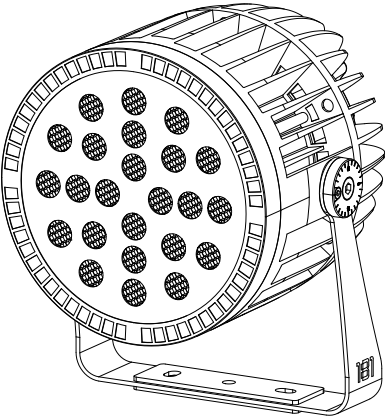
Beam F72 Multi Color



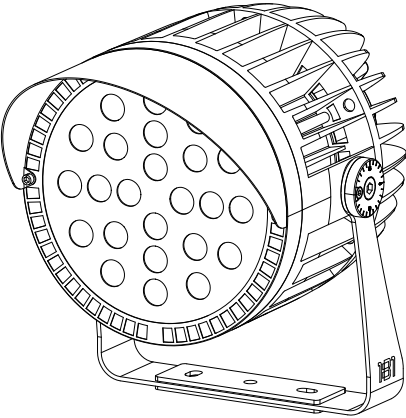
Half Glare Shield

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

Accessories Options

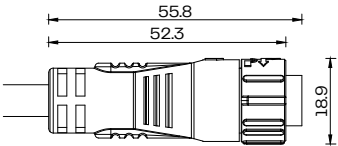


Honeycomb

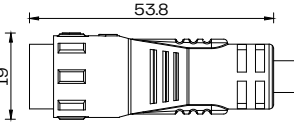


Half Glare Shield

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
3435101	Beam F72 RGBW2700K 15°
3435105	Beam F72 RGBW2700K 25°
3435109	Beam F72 RGBW2700K 45°
3435112	Beam F72 RGBW2700K 60°
3435116	Beam F72 RGBW2700K 20°x40°
3435102	Beam F72 RGBW3000K 15°
3435106	Beam F72 RGBW3000K 25°
3435180	Beam F72 RGBW3000K 45°
3435113	Beam F72 RGBW3000K 60°
3435117	Beam F72 RGBW3000K 20°x40°
3435103	Beam F72 RGBW4000K 15°
3435107	Beam F72 RGBW4000K 25°
3435110	Beam F72 RGBW4000K 45°
3435114	Beam F72 RGBW4000K 60°
3435118	Beam F72 RGBW4000K 20°x40°
3435104	Beam F72 RGBW5000K 15°
3435108	Beam F72 RGBW5000K 25°
3435111	Beam F72 RGBW5000K 45°
3435115	Beam F72 RGBW5000K 60°
3435119	Beam F72 RGBW5000K 20°x40°

Accessories

Reference	Description
3990974	Honeycomb
3990984	Half Glare Shield