

Beam F36 White

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

The Beam F36 White is perfect for a lighting scheme with efficient and High-quality white light. They come with environmental protection including a coastal proof rating. With beam angles from 10° 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	SMD3030
Channels (/pc)	3
Color Range	Single Color
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)	3363 (3000K 45°)		
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	85	
Maximum Data Run Length PxLNet (pcs)	@40fps	680	
	@60fps	340	
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	
☐ 2700K	
☐ 3000K	
☐ 4000K	
☐ 5000K	

Optics	
☐ 10°	☐ 60°
☐ 15°	☐ 10°x35° ¹
☐ 30°	☐ 10°x50° ¹
☐ 45°	☐ 30°x50° ¹

¹ Both Horizontal and Vertical alignment available

Control	
☐ DMX (RDM)	
☐ PxLNet	

Accessories	
☐ Half Glare Shield	
☐ Honeycomb	

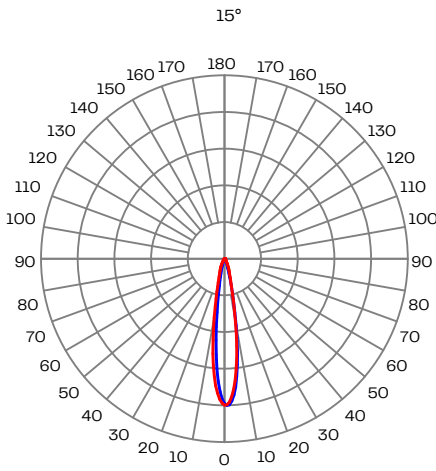
Lighting Specifications

Beam F36

	Full White (lm/m)
2700K 10°	3089
2700K 15°	3146
2700K 30°	3052
2700K 45°	3195
2700K 60°	3067
2700K 10°x35°	3057
2700K 10°x50°	3197
2700K 30°x50°	3194
3000K 10°	3252
3000K 15°	3312
3000K 30°	3213
3000K 45°	3363
3000K 60°	3228
3000K 10°x35°	3218
3000K 10°x50°	3365
3000K 30°x50°	3362

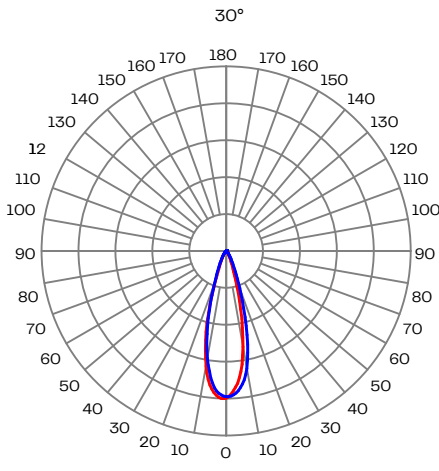
	Full White (lm/m)
4000K 10°	3382
4000K 15°	3444
4000K 30°	3342
4000K 45°	3498
4000K 60°	3357
4000K 10°x35°	3347
4000K 10°x50°	3500
4000K 30°x50°	3497
5000K 10°	3057
5000K 15°	3113
5000K 30°	3020
5000K 45°	3161
5000K 60°	3034
5000K 10°x35°	3025
5000K 10°x50°	3163
5000K 30°x50°	3160

Photometric Distribution



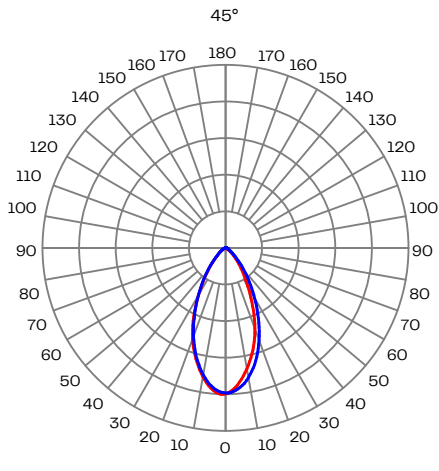
Average Diffuse Angle(50%): 17.1°

— C0-C180 — C90-C270



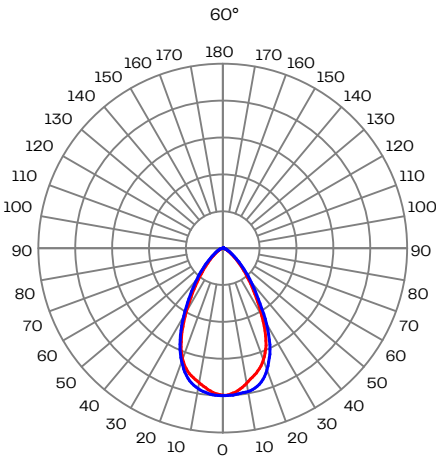
Average Diffuse Angle(50%): 28.9°

— C0-C180 — C90-C270



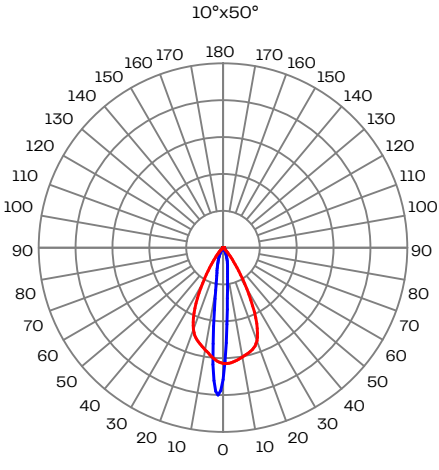
Average Diffuse Angle(50%): 50.0°

— C0-C180 — C90-C270



Average Diffuse Angle(50%): 62.3°

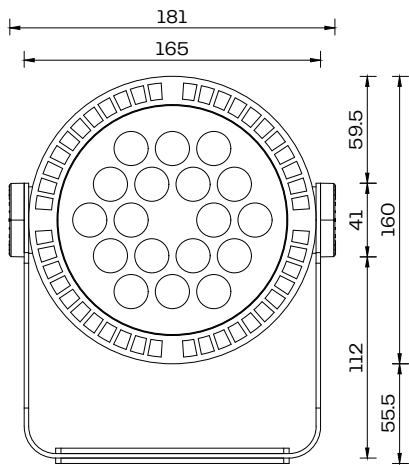
— C0-C180 — C90-C270



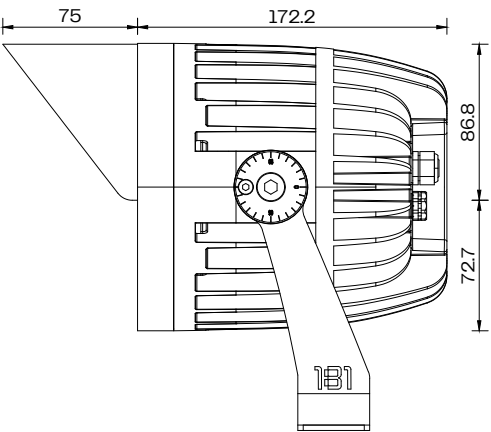
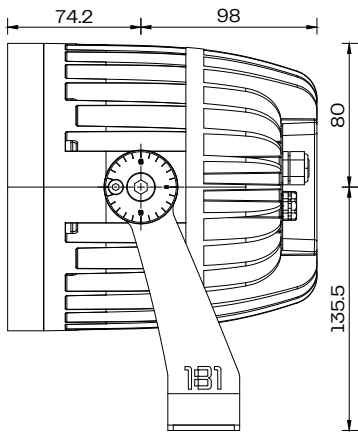
Average Diffuse Angle(50%): 32.8°

— C0-C180 — C90-C270

Dimensions



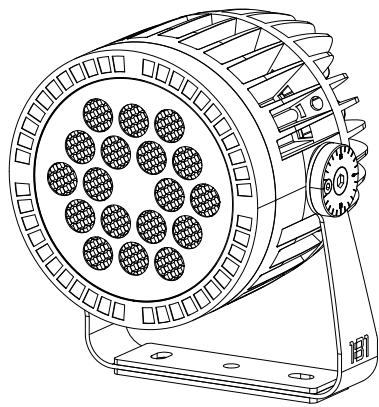
Beam F36 White



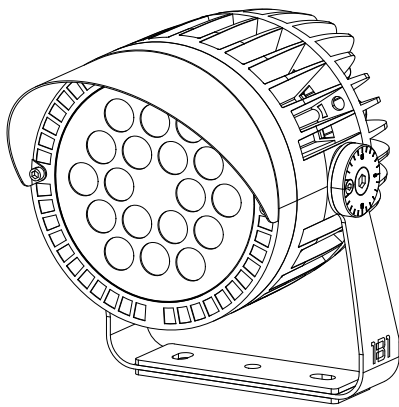
Half Glare Shield

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

Accessories Options

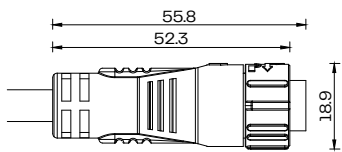


Honeycomb

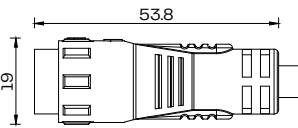


Half Glare Shield

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
3429144	Beam F36 2700K 10°
3429148	Beam F36 2700K 15°
3429152	Beam F36 2700K 30°
3429156	Beam F36 2700K 45°
3429160	Beam F36 2700K 60°
3429164	Beam F36 2700K 10°x35°
3429168	Beam F36 2700K 10°x50°
3429172	Beam F36 2700K 30°x50°
3429145	Beam F36 3000K 10°
3429149	Beam F36 3000K 15°
3429153	Beam F36 3000K 30°
3429157	Beam F36 3000K 45°
3429161	Beam F36 3000K 60°
3429165	Beam F36 3000K 10°x35°
3429169	Beam F36 3000K 10°x50°
3429173	Beam F36 3000K 30°x50°
3429146	Beam F36 4000K 10°
3429150	Beam F36 4000K 15°
3429154	Beam F36 4000K 30°
3429158	Beam F36 4000K 45°
3429162	Beam F36 4000K 60°
3429166	Beam F36 4000K 10°x35°
3429170	Beam F36 4000K 10°x50°
3429174	Beam F36 4000K 30°x50°
3429147	Beam F36 5000K 10°
3429151	Beam F36 5000K 15°
3429155	Beam F36 5000K 30°
3429159	Beam F36 5000K 45°
3429163	Beam F36 5000K 60°
3429167	Beam F36 5000K 10°x35°
3429171	Beam F36 5000K 10°x50°
3429175	Beam F36 5000K 30°x50°

Accessories

Reference	Description
3990972	Honeycomb
3990982	Half Glare Shield