

# Giant ECO G2 Single Head (BVP359 S)

Giant ECO G2 is a modular, rectangular shaped, cost effective and exterior-rated architectural LED floodlight that is designed for façade, landscape and outdoor flood lighting applications.

The robust mechanical design and high-efficient optical design make it ideal for illuminating multi-story exterior facades, bridges, landmarks and monuments.

Available in white, monochromatic colors, RGB, RGBW and tunable white.

Six different spread lenses ranging from narrow spot, to wide flood and DMX512/RDM control option available to give architects and designers the freedom to explore a wide range of concepts and design with no limitations.



## Key Features (BVP359 S)

- Standard: RGBW, RGB, 2700K, 3000K and 4000K
- Optional 5000K, Monochromatic Colors and Tunable White
- Standard lengths 155, 183, 210, 238, 293, 348, 403, 486 and 569mm
- Wide Range of Beam Angles from Narrow Spot to Wide Flood
- 1 foot-candle at up to 254m (L57, 4000K, 3° lens)
- Robust Design & IP66 rating for outdoor use
- Adjustable  $\pm 90^\circ$  tilting angle
- Available in DMX/RDM control interface option

## Ordering guide

ex: *BVP359 S 30LED 40K 220V L30 10 DMX*

BVP359 S	30LED	40K	220V	L30	10	DMX
Family	# of LEDs	CCT / Color	Voltage	Length	Beam Angles	Control Interface
BVP359 S – Giant ECO G2 Single Head	16LED (1) 18LED 30LED(3) 32LED	27K – 2700K 30K – 3000K 40K – 4000K 50K – 5000K BL – Blue RD – Red GN – Green AM – Amber RGB – RGB RGBA – RGBA RGBWW – RGBW(3000K) RGBNW – RGBW(4000K) tW – Tunable White	220V – 220V- 240V AC	L30 – 293mm	3 – 3°  10 – 10° 15 – 15° 30 – 30° 45 – 45° 60 – 60°	– On/Off DMX – DMX/RDM

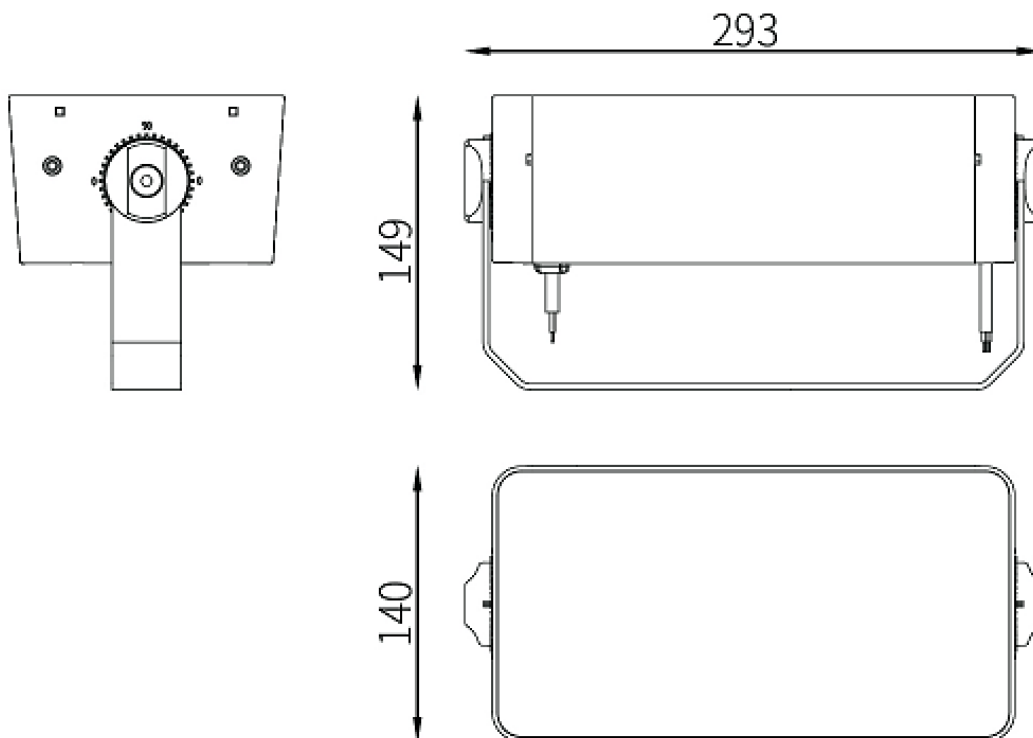
(1) 16 & 18LED is available for narrow beam 3° ,18LED for mono & RGB, 16LED for tW & RGBW  
 (2) 30 & 32LED is available for median & wide beams, 30LED for mono & RGB, 32LED for tW & RGBW

## Product Data

Product Family	Giant ECO G2 Single Head (BVP359 S)			
Dimensions (L x W x H)	293mm x 140mm x 149mm (with bracket)			
Source	High power LED			
Lumen Maintenance	50,000 hrsL70B50 at 35°C for White 50,000 hrsL50B50 at 35°C for RGB			
Housing	Extruded aluminum with die-cast aluminum end caps			
Finishing	Electrostatically applied polyester powder coating			
Color	Dark Grey (RAL7012)			
Bracket	Cold rolled sheet			
Adjustability	Tilting angle $\pm 90^\circ$			
Lenses	Anti-aging and anti-UV high optical efficiency PMMA lenses			
Gasket	Silicon			
Cover	Clear tempered glass			
Control Interfaces	On/Off		DMX12/RDM	
Input Voltage	220-240 VAC, 50/60Hz			
Total Harmonic Distortion	< 20%			
IEC Classification	Class I			
Power Cable (On/Off)	3 pole round cable L=50cm, 3x1.0mm <sup>2</sup> with flying wires			
Signal Cable (DMX)	4 pole round cable L=50cm, 4x0.50mm <sup>2</sup> (DMX versions only)			
Cables Connectors	IP67 Male/Female connectors for DMX through wiring (DMX versions only)			
Max Weight	3.7kg			
Standard Number of LEDs	16LED	18LED	30LED	32LED
Standard Optics	3°		10°, 15°, 30°, 45°, 60°	
Max Power Consumption	40W	45W	60W	
Inrush Current <sup>(1)</sup>	<60A			
Maximum Number of Luminaires on 16A Type C MCB <sup>(1)</sup>	68		52	
Standard CCT/Colors	RGBW	2700K, 3000K, 4000K, RGB	2700K, 3000K, 4000K, RGB	RGBW
Standard CRI	80			
White SDCM	4			
Colors Wavelength	R: 620 to 625nm; G: 525 to 530nm; B: 470 to 475nm			
Temperature Range	-40°C to 50°C (Operating) -35°C to 50°C (Startup) -40°C to 70°C (Storage)			
Protection Rating	IP66, IK06			
Certifications	CE, CB, CQC(in progressing)			
Warranty	3 Years			

(1) Inrush current and MCBs data are based on White, RGB and RGBW luminaires

**Luminaire Dimensions:**

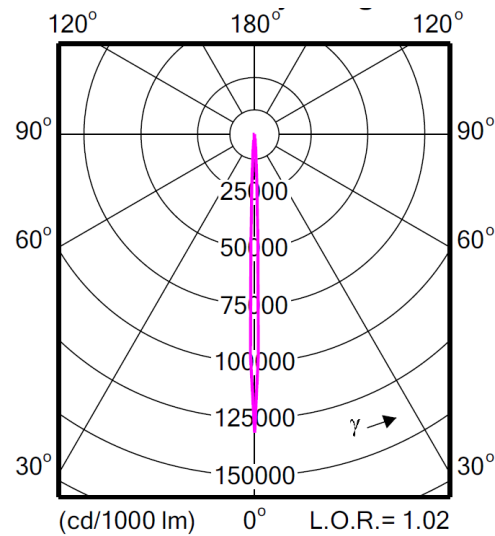


## Polar Candela Distribution Curves:

### 3x3° Beam Angle

**Features:**

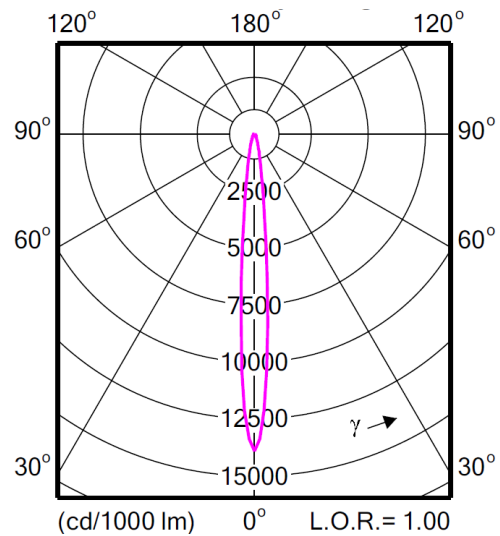
The 3x3° beam angle delivers a very narrow beam with more lumens where you want them.



### 10x10° Beam Angle

**Features:**

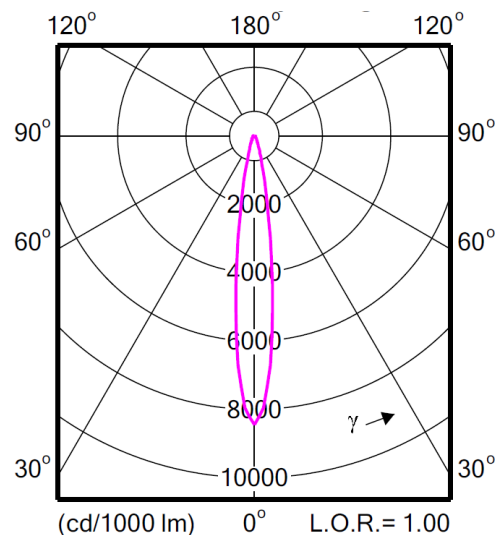
The 10x10° beam angle offers a narrow beam that can be used to highlight a small area in a building or making an ornament stands out.



### 15x15° Beam Angle

**Features:**

The 15x15° beam angle offers a medium beam distribution that can be used to highlight a small to medium area in a building or making an ornament stands out.

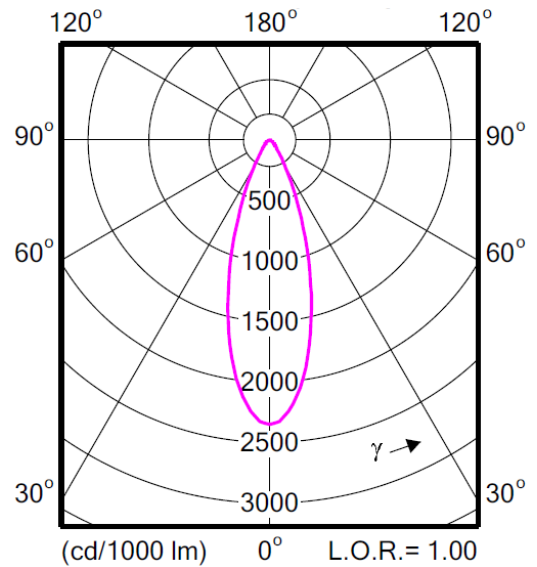


## Polar Candela Distribution Curves:

### 30x30° Beam Angle

**Features:**

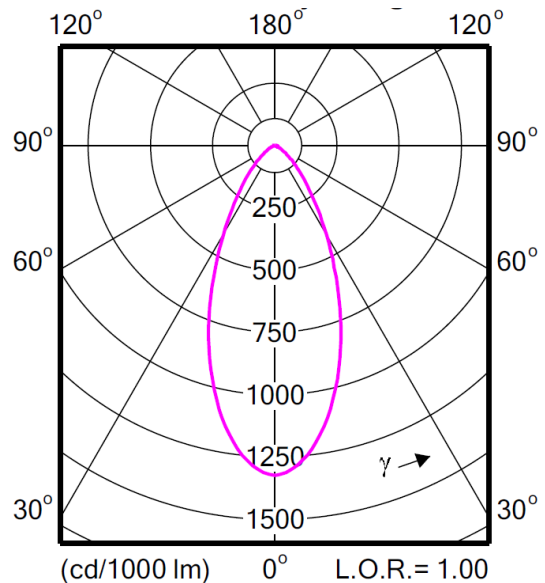
The 30x30° beam angle offers a wide beam that can be used for highlighting medium to large areas in a building or used for general façade lighting.



### 45x45° Beam Angle

**Features:**

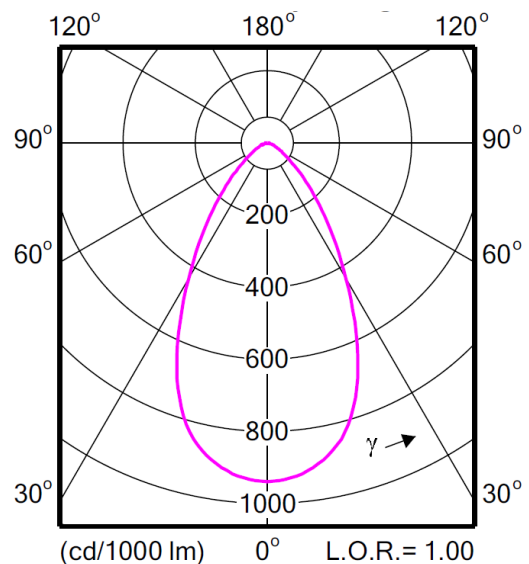
The 45x45° beam angle offers a wide beam that can be used for highlighting large and wide areas in a building or used for general façade lighting.



### 60x60° Beam Angle

**Features:**

The 60x60° beam angle offers a wide flood distribution that can be used to highlight larger and wider areas in a building or for general façade lighting.

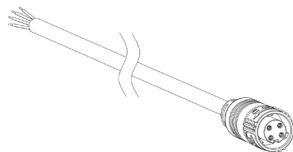


## Rated System Lumen Output (±10%):

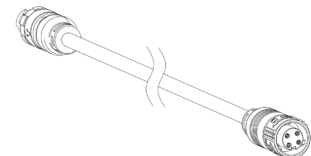
### BVP359 S L30 Version

CCT/Color (All channels On)	3° DMX	10° DMX	15° DMX	30° DMX	45° DMX	60° DMX
2700K	2230	4220	4430	4585	4430	4325
3000K	2510	4400	4620	4785	4620	4510
4000K	2510	4910	5155	5340	5155	5030
RGB	1195	2495	2620	2715	2620	2555
RGBWW	1250	2855	3000	3105	3000	2930
RGBNW	1310	2985	3130	3245	3130	3055

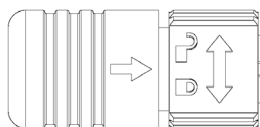
## Accessories



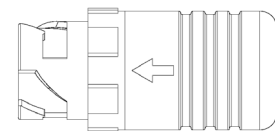
Leader cable 4P DMX  
2m



Jumper cable 4P DMX  
2m



End cap for male  
connectors



End cap for female  
connectors

