

GiantEco G2 Single Head (BVP359 S)

GiantEco 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 18LED 40K 220V L21 10 DMX*

BVP359 S	18LED	40K	220V	L21	10	DMX
<u>Family</u>	<u># of LEDs</u>	<u>CCT / Color</u>	<u>Voltage</u>	<u>Length</u>	<u>Beam Angles</u>	<u>Control Interface</u>
BVP359 S – Giant ECO G2 Single Head	12LED (1) 18LED(2) 20LED(3)	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	L21 – 210mm	3 – 3° 10 – 10° 15 – 15° 30 – 30° 45 – 45° 60 – 60°	– On/Off DMX – DMX/RDM

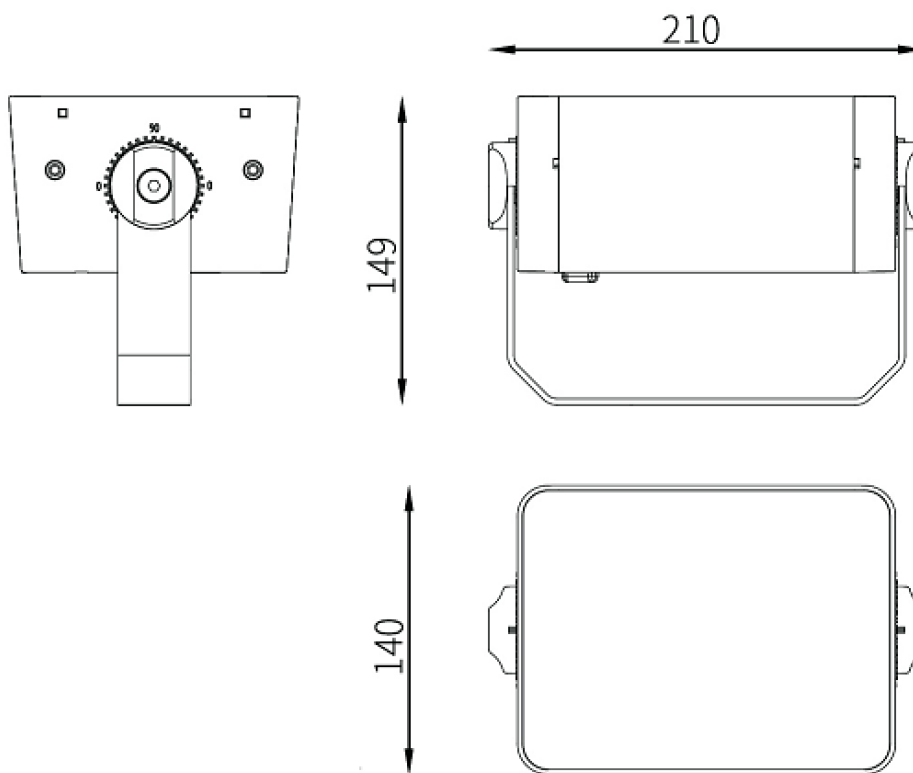
(1) 12 LED is available for narrow beam 3°
 (2) 18LED is available for mono & RGB median & wide beam
 (3) 20LED is available for tW & RGBW median & wide beam

Product Data

Product Family	Giant ECO G2 Single Head (BVP359 S)		
Dimensions (L x W x H)	210mm 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 ² with flying wires		
Signal Cable (DMX)	4 pole round cable L=50cm, 4x0.50mm ² (DMX versions only)		
Cables Connectors	IP67 Male/Female connectors for DMX through wiring (DMX versions only)		
Max Weight	2.7kg		
Standard Number of LEDs	12LED	18LED	20LED
Standard Optics	3°	10°, 15°, 30°, 45°, 60°	
Max Power Consumption	20W	30W	
Inrush Current ⁽¹⁾	<60A	<60A	
Maximum Number of Luminaires on 16A Type C MCB ⁽¹⁾	93	70	
Standard CCT/Colors	2700K, 3000K, 4000K, RGB,RGBW	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:

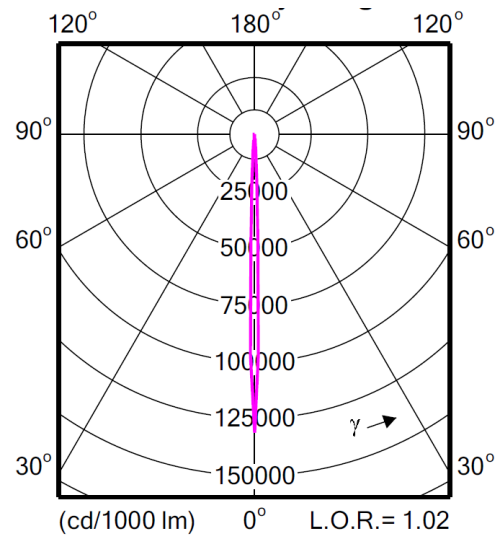


Polar Candela Distribution Curves:

3x3° Beam Angle

Features:

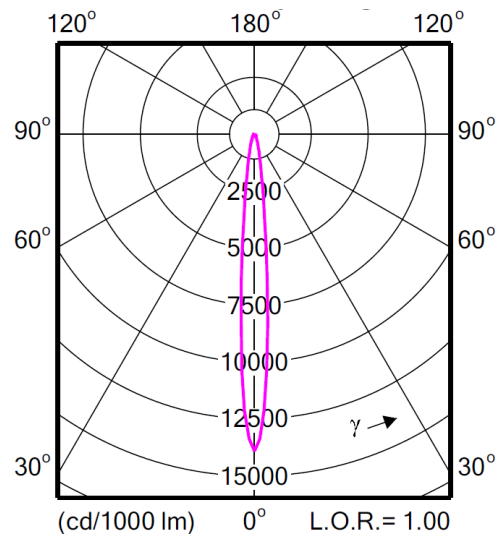
The 3x3° beam angle delivers a very narrow beam with more lumens where you want them.



10x10° Beam Angle

Features:

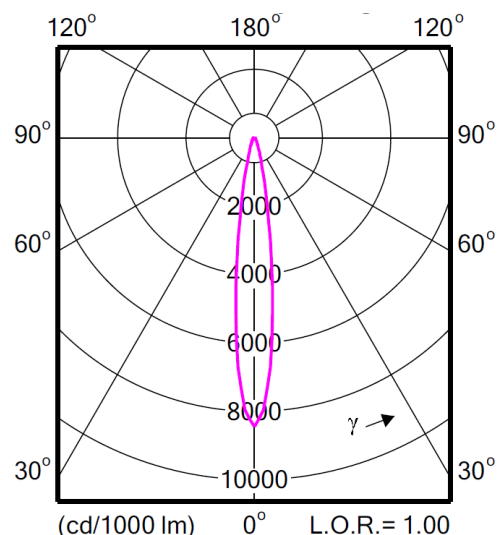
The 10x10° beam angle offers a narrow beam that can be used to highlight a small area in a building or making an ornament stands out.



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.

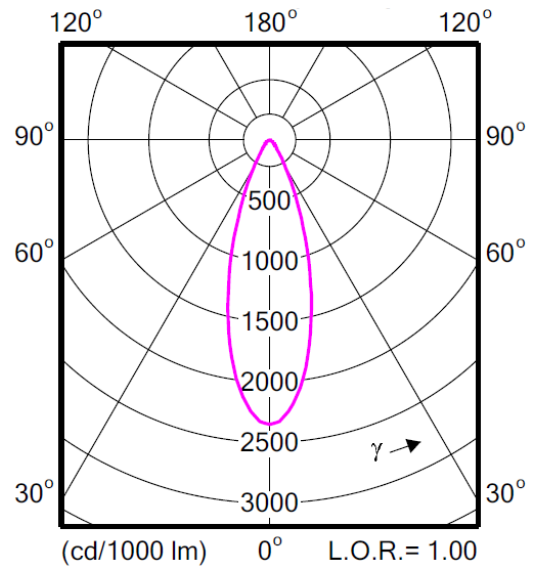


Polar Candela Distribution Curves:

30x30° Beam Angle

Features:

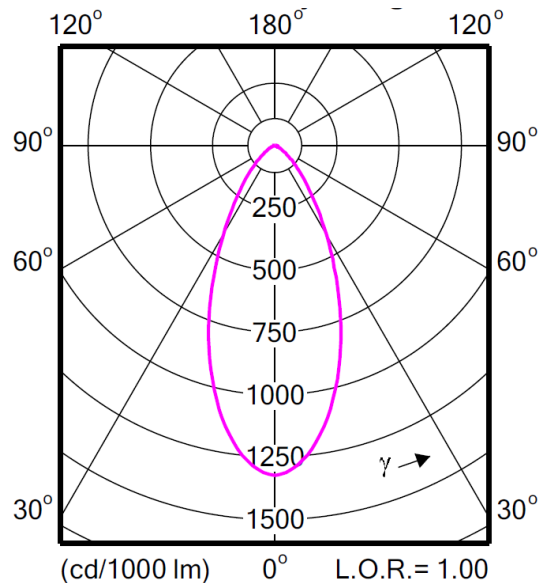
The 30x30° beam angle offers a wide beam that can be used for highlighting medium to large areas in a building or used for general façade lighting.



45x45° Beam Angle

Features:

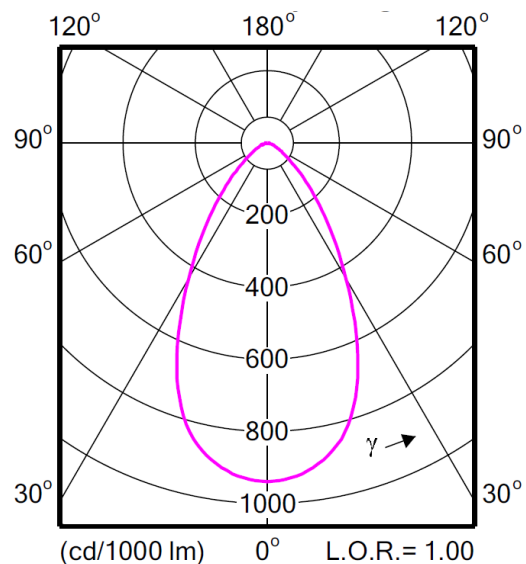
The 45x45° beam angle offers a wide beam that can be used for highlighting large and wide areas in a building or used for general façade lighting.



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.

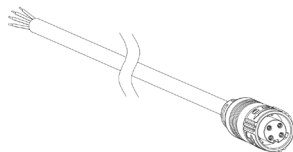


Rated System Lumen Output ($\pm 10\%$):

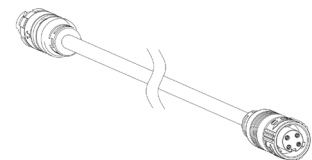
BVP359 S L21 Version

CCT/Color (All channels On)	3° DMX	10° DMX	15° DMX	30° DMX	45° DMX	60° DMX
2700K	1355	2640	2770	2870	2770	2705
3000K	1525	2755	2890	2995	2890	2825
4000K	1525	3075	3225	3340	3225	3150
RGB	670	1565	1640	1700	1640	1605
RGBWW	885	1860	1955	2025	1955	1910
RGBNW	925	1945	2040	2115	2040	1995

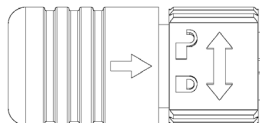
Accessories



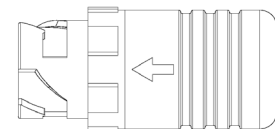
Leader cable 4P DMX
2m



Jumper cable 4P DMX
2m



End cap for male
connectors



End cap for female
connectors

