

# 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.

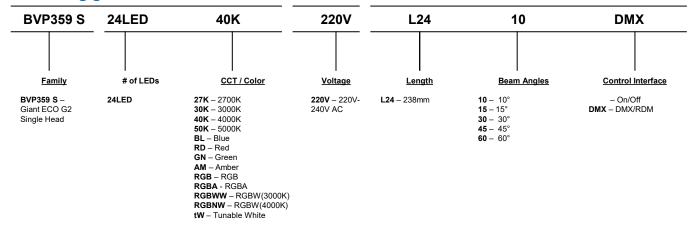


### **Key Features (BVP359 S)**

- 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 ±90° tilting angle
- Available in DMX/RDM control interface option

### **Ordering guide**

ex: BVP359 S 24LED 40K 220V L24 10 DMX



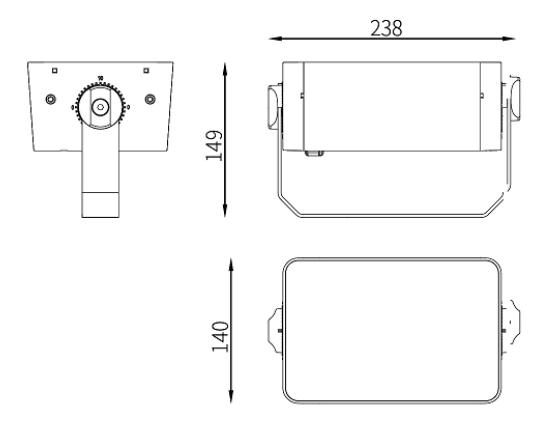


# **Product Data**

Dimensions (L x W x H)	Product Data						
Source Lumen Maintenance Lumen Maintenance S	Product Family	Giant ECO G2 Single Head (BVP359 S)					
Lumen Maintenance	Dimensions (L x W x H)	238mm x 140mm x 149mm (with bracket)					
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 ±90° 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, 3x1.0mm² with flying wires Signal Cable (DMX) 4 pole round cable L=50cm, 4x0.50mm² (DMX versions only)  Raw Weight 3.0kg Standard Number of LEDs Standard Optics 10°, 15°, 30°, 45°, 60° Max Power Consumption 10°, 15°, 30°, 45°, 60° Max Maximum Number of Luminaires on 16A Type C MCB(1) Standard CCT/Colors 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 -40°C to 50°C (Operating) -35°C to 50°C (Startup) -40°C to 70°C (Storage) Protection Rating Persisted Colors and support some of the protection Rating Certifications CE, CB, CQC(in progressing)	Source	High power LED					
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 ±90° 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 IEC Classification Class I Power Cable (On/Off) 3 pole round cable L=50cm, 3x1.0mm² with flying wires Signal Cable (DMX) 4 pole round cable L=50cm, 3x1.0mm² with flying wires Signal Cable (DMX) 4 pole round cable L=50cm, 4x0.50mm² (DMX versions only)  Cables Connectors IP67 Male/Female connectors for DMX through wiring (DMX versions only)  Max Weight 3.0kg Standard Number of LEDs 24LED Standard Optics 10°, 15°, 30°, 45°, 60° Max Power Consumption 50W Inrush Current(1) <60A Maximum Number of Luminaires on 16A Type C MCB(1) Standard CCT/Colors 2700K, 3000K, 4000K, RGB,RGBW Standard CCT/Colors 2700K, 3000K, 4000K, RGB,RGBW Standard CCT/Colors 320 (Operating) Standard CCT/Colors 35°C to 50°C (Operating) -40°C to 50°C (Startup) -40°C to 50°C (Startup) -40°C to 50°C (Stortup) -40°C to 70°C (Storage) Protection Rating Protection Rating CE, CB, CQC(in progressing)	Lumen Maintenance						
Finishing Color Dark Grey (RAL7012)  Bracket Adjustability Tilting angle ±90° Lenses Anti-aging and anti-UV high optical efficiency PMMA lenses Gasket Cover Clear tempered glass Control Interfaces On/Off DMX12/RDM Input Voltage Total Harmonic Distortion IEC Classification Power Cable (On/Off) Signal Cable (DMX) Cables Connectors Max Weight Standard Number of LEDs Standard Optics Max Power Consumption Inrush Current(1) Standard CCT/Colors Standard CRI White SDCM Colors Wavelength Feed Con Color Colors (Startup) -40°C to 50°C (Storage) -50°C (Startup) -40°C to 50°C (Storage)		,					
Color Bark Grey (RAL7012)  Bracket Cold rolled sheet  Adjustability Tilting angle ±90°  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, 3x1.0mm² with flying wires  Signal Cable (DMX) 4 pole round cable L=50cm, 4x0.50mm² (DMX versions only)  Cables Connectors Gable (Female connectors for DMX through wiring (DMX versions only)  Standard Number of LEDs 24LED  Standard Optics 10°, 15°, 30°, 45°, 60°  Max Power Consumption 50W  Maximum Number of Luminaires on 16A Type C MCB(1)  Standard CCT/Colors 2700K, 3000K, 4000K, RGB,RGBW  Standard CCT/Colors 2700K, 3000K, 4000K, RGB,RGBW  Standard CCT (Colors 40° C (Storage)  Temperature Range 60° C (Startup) 40° C to 70° C (Storage)  Protection Rating 1P66, IK06  Certifications CE, CB, CQC(in progressing)		Extruded aluminum with die-cast aluminum end caps					
Bracket Adjustability Tilting angle ±90°  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, 3x1.0mm² with flying wires  Signal Cable (DMX) 4 pole round cable L=50cm, 4x0.50mm² (DMX versions only)  Cables Connectors IP67 Male/Female connectors for DMX through wiring (DMX versions only)  Max Weight 3.0kg  Standard Number of LEDs 24LED  Standard Optics 10°, 15°, 30°, 45°, 60°  Max Power Consumption 50W  Inrush Current(1) <60A  Maximum Number of Luminaires on 16A Type C MCB(1)  Standard CCT/Colors 2700K, 3000K, 4000K, RGB, RGBW  Standard CCT/Colors 2700K, 3000K, 4000K, RGB, RGBW  Colors Wavelength R: 620 to 625nm; G: 525 to 530nm; B: 470 to 475nm  -40°C to 50°C (Operating)  -35°C to 50°C (Storage)  Protection Rating IP66, IK06  Certifications CE, CB, CQC(in progressing)							
Adjustability Lenses Anti-aging and anti-UV high optical efficiency PMMA lenses Gasket Cover Clear tempered glass Control Interfaces Input Voltage Total Harmonic Distortion IEC Classification Power Cable (On/Off) Signal Cable (DMX) Cables Connectors Max Weight Standard Number of LEDs Standard Optics Maximum Number of Luminaires on 16A Type c MCB(1) Maximum SDCM Standard CRI White SDCM Coler tempered glass Clear tempered glass Clear tempered glass  DMX12/RDM Class I DMX12/RD	Color	Dark Grey (RAL7012)					
Lenses Gasket Gasket Cover Clear tempered glass Control Interfaces Input Voltage Total Harmonic Distortion IEC Classification Power Cable (On/Off) Signal Cable (DMX) Cables Connectors Max Weight Standard Optics Max Power Consumption Inrush Current <sup>(1)</sup> Standard CCT/Colors Maximum Number of Luminaires on 16A Type c MCB <sup>(1)</sup> Standard CRI Standard CRI Standard CRI Standard CRI Colors Wavelength Mental Colors Wavelength Temperature Range Protection Rating Control Interfaces On/Off Clear tempered glass DMX12/RDM Availe Class I DMX12/RDM Availe Class Ava	Bracket	Cold rolled sheet					
Cover Clear tempered glass  Control Interfaces On/Off DMX12/RDM  Input Voltage 220-240 VAC, 50/60Hz  Total Harmonic Distortion IEC Classification Power Cable (On/Off) 3 pole round cable L=50cm, 3x1.0mm² with flying wires  Signal Cable (DMX) 4 pole round cable L=50cm, 4x0.50mm² (DMX versions only)  Cables Connectors Max Weight 3.0kg  Standard Number of LEDs 24LED Standard Optics 10°, 15°, 30°, 45°, 60°  Max Power Consumption 50W  Inrush Current(1) <60A  Maximum Number of Luminaires on 16A Type C MCB(1)  Standard CCT/Colors 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  -40°C to 50°C (Operating)  Temperature Range -35°C to 530°C (Startup) -40°C to 70°C (Storage)  Protection Rating IP66, IK06  Certifications	Adjustability	Tilting angle ±90°					
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, 3x1.0mm² with flying wires Signal Cable (DMX) 4 pole round cable L=50cm, 4x0.50mm² (DMX versions only)  Cables Connectors IP67 Male/Female connectors for DMX through wiring (DMX versions only)  Max Weight 3.0kg Standard Number of LEDs 24LED Standard Optics 10°, 15°, 30°, 45°, 60°  Max Power Consumption 50W Inrush Current(1) <60A Maximum Number of Luminaires on 16A Type C MCB(1)  Standard CCT/Colors 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  -40°C to 50°C (Operating) -40°C to 70°C (Storage)  Protection Rating IP66, IK06 Certifications CE, CB, CQC(in progressing)	Lenses	Anti-aging and anti-UV high optical efficiency PMMA lenses					
Control Interfaces         On/Off         DMX12/RDM           Input Voltage         220-240 VAC, 50/60Hz           Total Harmonic Distortion         < 20%	Gasket	Silicon					
Input Voltage	Cover	Clear tempered glass					
Total Harmonic Distortion  IEC Classification  Power Cable (On/Off)  3 pole round cable L=50cm, 3x1.0mm² with flying wires  Signal Cable (DMX)  4 pole round cable L=50cm, 4x0.50mm² (DMX versions only)  IP67 Male/Female connectors for DMX through wiring (DMX versions only)  Max Weight  3.0kg  Standard Number of LEDs  Standard Optics  Max Power Consumption  Inrush Current(1)  Maximum Number of Luminaires on 16A Type C  MCB(1)  Standard CCT/Colors  Standard CRI  Colors Wavelength  R: 620 to 625nm; G: 525 to 530nm; B: 470 to 475nm  Temperature Range  Protection Rating  Protection Rating  Protection Rating  Certifications  CE, CB, CQC(in progressing)	Control Interfaces	On/Off DMX12/RDM					
IEC Classification   Class	Input Voltage	220-240 VAC, 50/60Hz					
Power Cable (On/Off) Signal Cable (DMX) A pole round cable L=50cm, 3x1.0mm² with flying wires  A pole round cable L=50cm, 4x0.50mm² (DMX versions only)    Cables Connectors	Total Harmonic Distortion	< 20%					
Signal Cable (DMX) 4 pole round cable L=50cm, 4x0.50mm² (DMX versions only)  Cables Connectors IP67 Male/Female connectors for DMX through wiring (DMX versions only)  Max Weight 3.0kg  Standard Number of LEDs 24LED  Standard Optics 10°, 15°, 30°, 45°, 60°  Max Power Consumption 50W  Inrush Current(1) < 60A  Maximum Number of Luminaires on 16A Type C MCB(1)  Standard CCT/Colors 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 -35°C to 50°C (Operating) -40°C to 70°C (Storage)  Protection Rating IP66, IK06  Certifications CE, CB, CQC(in progressing)	IEC Classification	Class I					
Cables Connectors  Cables Connectors  Cables Connectors  IP67 Male/Female connectors for DMX through wiring (DMX versions only)  Max Weight  Standard Number of LEDs  Standard Optics  Investigating the processing on the processing of the processing only only only only only only only only	Power Cable (On/Off)	3 pole round cable L=50cm, 3x1.0mm² with flying wires					
Cables Connectors  Max Weight  Standard Number of LEDs  Standard Optics  Standard Optics  Max Power Consumption  Inrush Current(1)  Maximum Number of Luminaires on 16A Type C  MCB(1)  Standard CCT/Colors  Standard CRI  White SDCM  Colors Wavelength  R: 620 to 625nm; G: 525 to 530nm; B: 470 to 475nm  -40°C to 50°C (Operating)  -40°C to 70°C (Storage)  Protection Rating  Certifications  CE, CB, CQC(in progressing)	Signal Cable (DMX)						
Standard Number of LEDs Standard Optics  Standard Optics  10°, 15°, 30°, 45°, 60°  Max Power Consumption  Inrush Current <sup>(1)</sup> Action  Maximum Number of Luminaires on 16A Type C MCB <sup>(1)</sup> Standard CCT/Colors  Standard CRI  White SDCM  Colors Wavelength  R: 620 to 625nm; G: 525 to 530nm; B: 470 to 475nm  -40°C to 50°C (Operating)  Temperature Range  -35°C to 50°C (Startup)  -40°C to 70°C (Storage)  Protection Rating  Certifications  CE, CB, CQC(in progressing)	Cables Connectors	,					
Standard Optics  Max Power Consumption  Inrush Current(1)  Maximum Number of Luminaires on 16A Type C  MCB(1)  Standard CCT/Colors  Standard CRI  White SDCM  Colors Wavelength  Temperature Range  Protection Rating  Protection Rating  Certifications  Temperature Consumption  50W  60A  63  63  80  80  4000K, RGB,RGBW  80  4  Colors Wavelength  R: 620 to 625nm; G: 525 to 530nm; B: 470 to 475nm  -40°C to 50°C (Operating)  -35°C to 50°C (Startup)  -40°C to 70°C (Storage)  Protection Rating  Certifications  CE, CB, CQC(in progressing)	Max Weight	- · · · · · · · · · · · · · · · · · · ·					
Max Power Consumption50WInrush Current(¹)<60A	Standard Number of LEDs						
Inrush Current <sup>(1)</sup> Maximum Number of Luminaires on 16A Type C MCB <sup>(1)</sup> Standard CCT/Colors  Standard CRI  White SDCM  Colors Wavelength  Temperature Range  Protection Rating  Certifications  Inrush Current <sup>(1)</sup> <a href="mailto:460">&lt; 60A</a> 63  63  63  80  80  4  R: 620 to 625nm; G: 525 to 530nm; B: 470 to 475nm  -40°C to 50°C (Operating)  -35°C to 50°C (Startup)  -40°C to 70°C (Storage)  IP66, IK06  Certifications  CE, CB, CQC(in progressing)	Standard Optics	10°, 15°, 30°, 45°, 60°					
Maximum Number of Luminaires on 16A Type C MCB <sup>(1)</sup> Standard CCT/Colors  Standard CRI  White SDCM  Colors Wavelength  Temperature Range  Protection Rating  Certifications  Maximum Number of Luminaires on 16A Type C 63  63  63  80  80  4  R: 620 to 625nm; G: 525 to 530nm; B: 470 to 475nm  -40°C to 50°C (Operating)  -35°C to 50°C (Startup)  -40°C to 70°C (Storage)  IP66, IK06  CE, CB, CQC(in progressing)	Max Power Consumption	50W					
Luminaires on 16A Type C MCB <sup>(1)</sup> Standard CCT/Colors  2700K, 3000K, 4000K, RGB,RGBW  Standard CRI  80  White SDCM  Colors Wavelength  R: 620 to 625nm; G: 525 to 530nm; B: 470 to 475nm  -40°C to 50°C (Operating)  Temperature Range  -35°C to 50°C (Startup)  -40°C to 70°C (Storage)  Protection Rating  IP66, IK06  Certifications  CE, CB, CQC(in progressing)	Inrush Current <sup>(1)</sup>	<60A					
Standard CRI  White SDCM  Colors Wavelength  R: 620 to 625nm; G: 525 to 530nm; B: 470 to 475nm  -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)	Luminaires on 16A Type C	63					
White SDCM Colors Wavelength R: 620 to 625nm; G: 525 to 530nm; B: 470 to 475nm -40°C to 50°C (Operating) Temperature Range -35°C to 50°C (Startup) -40°C to 70°C (Storage)  Protection Rating IP66, IK06 Certifications CE, CB, CQC(in progressing)	Standard CCT/Colors	2700K, 3000K, 4000K, RGB,RGBW					
Colors Wavelength R: 620 to 625nm; G: 525 to 530nm; B: 470 to 475nm  -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)	Standard CRI	80					
-40°C to 50°C (Operating)  Temperature Range -35°C to 50°C (Startup) -40°C to 70°C (Storage)  Protection Rating IP66, IK06 Certifications CE, CB, CQC(in progressing)	White SDCM	4					
Temperature Range -35°C to 50°C (Startup) -40°C to 70°C (Storage)  Protection Rating IP66, IK06 Certifications CE, CB, CQC(in progressing)	Colors Wavelength	R: 620 to 625nm; G: 525 to 530nm; B: 470 to 475nm					
Certifications CE, CB, CQC(in progressing)	Temperature Range	-35°C to 50°C (Startup)					
, , , ( 1 0 0)	Protection Rating	·					
Warranty 3 Years		,					
Training   Training	Warranty	3 Years					



# **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

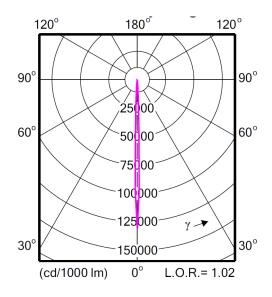
### Features:

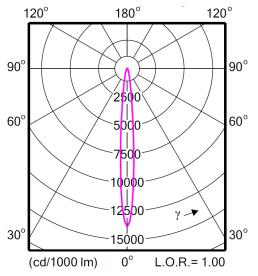
The 10x10° beam angle offers a narrow beam that can be used to highlight a small area in a building or making an ornament stands out.

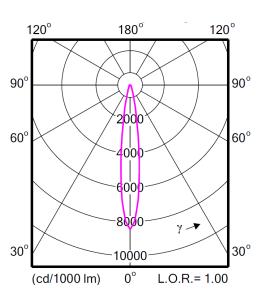
# 15x15° Beam Angle

### 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

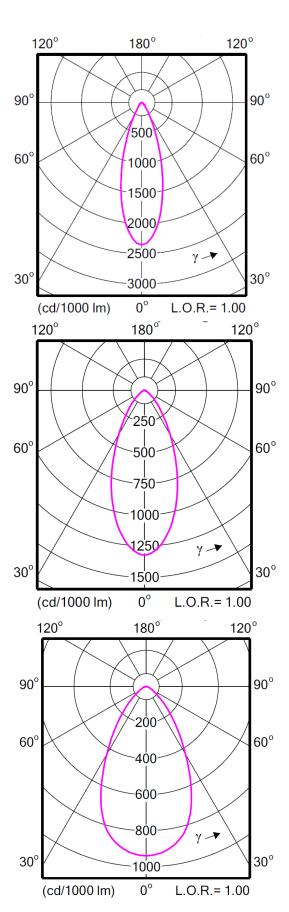
### Features:

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%):

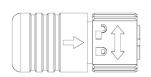
### **BVP359 S L24 Version**

CCT/Color	3°	10°	15°	30°	45°	60°
(All channels On)	DMX	DMX	DMX	DMX	DMX	DMX
2700K	-	3465	3640	3770	3640	3555
3000K	-	3615	3800	3935	3800	3705
4000K	-	4035	4235	4390	4235	4135
RGB	-	2085	2190	2270	2190	2140
RGBWW	-	2350	2465	2555	2465	2405
RGBNW	-	2450	2575	2665	2575	2515

### **Accessories**



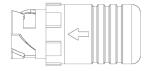
Leader cable 4P DMX 2m



End cap for male connectors



Jumper cable 4P DMX 2m



End cap for female connectors

# (s) ignify