



BioLume® Garage



Description

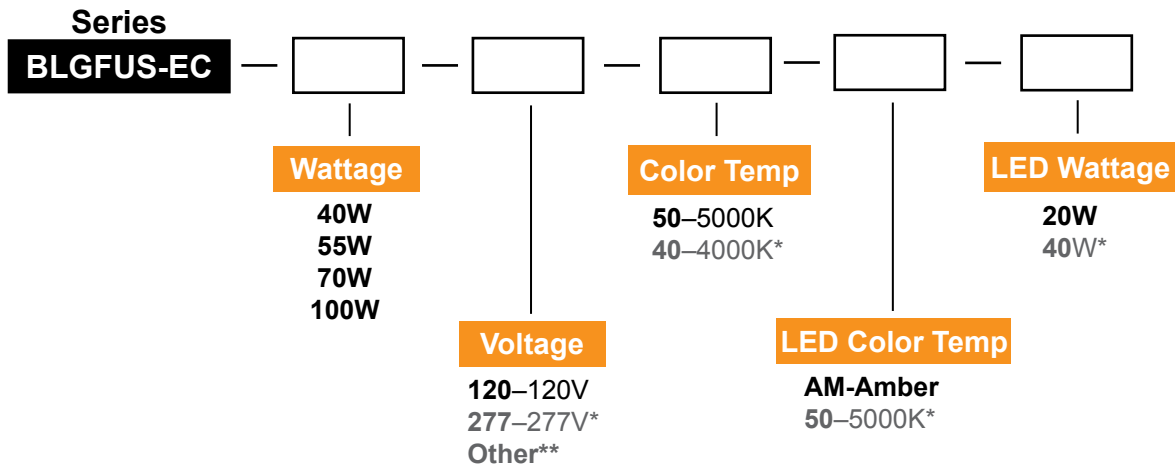
- Series: BLGFUS-EC
- Lamp Life Rating: 100,000/50,000 hours
- Light Output: 5000K, 82-85 CRI Induction
- IP Rating: IP65
- Applications: Parking garages, gas stations, canopies
- Warranty: 10/5 Year Limited

Specifications and Patent Pending Features

- BioLume® Amber LED lights are Dark-Sky and Animal Friendly
- Engineered optics provide uniform distribution and decreased levels of driver / pedestrian glare
- Heat management system includes heat sink technology and isolated ballast compartment
- Modular construction for easy installation and maintenance
- Die cast aluminum housing with powder coat finish for corrosion resistance

*Patent Pending No. 13/193,070

Ordering Information



Bold = Standard

Grey * = Upgrade options available upon request

Example: **BLGFUS-EC-55-120-50-AM-20**

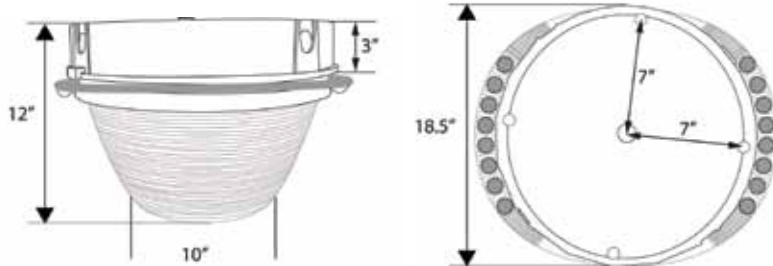


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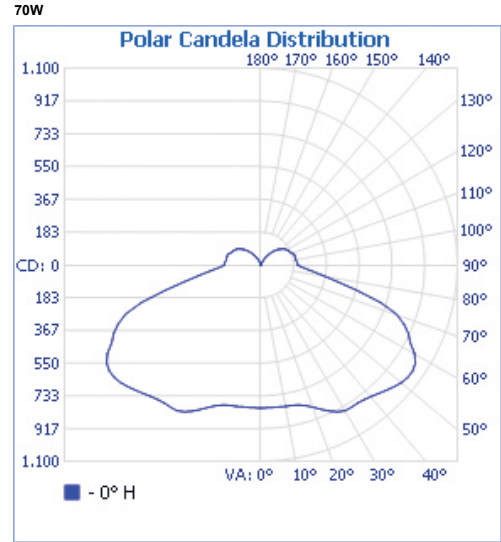
www.everlastlight.com



Dimensions



Photometric Data



Lamp Specifications

Wattage	Lumens	L/W Ratio	CRI	CCT (KELVIN)	Rated Life
40W	3,350	84	82-85	5000	100,000 hours
55W	4,650	84	82-85	5000	100,000 hours
70W	5,900	84	82-85	5000	100,000 hours
100W	8,400	84	82-85	5000	100,000 hours

Ballast Specifications

System Wattage	Input Voltage	Input Current	Input Freq.	Power Factor	Ambient Temp	THD
44W	120-277V/480V*	0.38-0.17A / 0.10A	50/60Hz	>0.95	-40 to 130 F°	<10%
61W	120-277V/480V*	0.50-0.21A / 0.13A	50/60Hz	>0.95	-40 to 130 F°	<10%
78W	120-277V/480V*	0.63-0.29A / 0.16A	50/60Hz	>0.95	-40 to 130 F°	<10%
111W	120-277V/480V*	0.93-0.42A / 0.22A	50/60Hz	>0.95	-40 to 130 F°	<10%

LED Module Specifications

Wattage	Lumens	Input Voltage	Output Voltage	CCT (KELVIN)	Ambient Temp	Rated Life	Power Factor
20W	865	120/277V	2.8-28V	Amber, 3000*, 5000*	-40 to 130 F°	50,000 hours	>0.90
40W	1,733	120/277V	2.8-28V	Amber, 3000*, 5000*	-40 to 130 F°	50,000 hours	>0.90

In collaboration with the California Lighting Technology Center (CLTC) at UC Davis, EverLast® Lighting, a product of Full Spectrum Solutions, introduces its newest line of innovative lighting fixtures -The BioLume® Series. The new patented lighting series is a collection of hybrid bi-level fixtures that utilize a 5000K induction lamp and amber LEDs, coupled with occupancy sensor controls. When the area is vacant, amber-colored LEDs emit biologically-friendly light. When the sensor is triggered, the induction lamp turns on to provide bright white light for enhanced security.

Typically, for 50% - 75% of the hours of operation the BioLume® will be operating within the amber part of the spectrum at a greatly reduced intensity, away from the critical action spectrum in terms of hormonal response for humans and other mammals, reptiles, and birds.

The total amount of light flux entering the sky and disrupting natural wildlife in areas adjacent to the parking and area lighting complexes can have a disruptive effect on wildlife in a similar manner to what is currently being studied with humans. Due to the incorporation of EverLast® Induction Lighting technology and amber LEDs, coupled with a bi-level occupancy sensor, the BioLume® Series is a biologically-friendly, energy-efficient hybrid lighting system. This new line of fixtures will include a U.S. garage, U.S. shoe box, wall pack, and canopy light.

*Legal Notice: Full Spectrum Solutions owns proprietary rights in the EverLast® BioLume® Series of fixtures in the form of pending patent applications in the US and PCT applications for International protection.

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www.everlastlight.com

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