



Catalog # : _____ Project : _____

Prepared By : _____ Date : _____

Greenbriar (XGBM)

Outdoor Area Light



OVERVIEW	
Lumen Output Range	12,000 - 30,000
Wattage Range	136 - 301
Efficacy Range (LPW)	71 - 123
Weight lbs (kg)	49.5 (22.5)

QUICK LINKS

Ordering Guide	Performance	Dimensions	Controls
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FEATURES & SPECIFICATIONS

Construction

- Square, die-formed aluminum housing.
- Fully enclosed weather-tight housing contains factory prewired drivers and field connections.
- Gasketed, tethered top-access cover provides ease of installation and allows for easy driver access.
- Four captive stainless-steel fasteners secure the topaccess cover to the housing.
- Luminaire is proudly made in the U.S.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- LSI offers optional color coordinated decals in 9 standard colors to accent the fixture. Decals are guaranteed for five years against peeling, cracking, or fading. (See ordering guide for color options)
- Shipping weight: 50 lbs in carton.

Optical System

- Select high-brightness LEDs in Cool White (5000K) or Neutral White (4000K) color temperature, 70 CRI.
- Types 3, 5, FT and FTA available - field rotatable reflectors.
- Clear tempered optical grade flat glass lens sealed to aluminum housing creates an IP67 rated, sealed optical unit (includes pressure stabilizing breather).

- Optical unit can be easily field rotated in 90° increments. Directional arrow on optics allows alignment without the unit being energized.
- Zero uplight.

Electrical

- LSI drivers feature integral sensor which reduces drive current when ambient temperatures exceed rated temperature.
- Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277VAC (UE - 50/60Hz input), and 347-480VAC.
- Available in Low Watt (LW), Super Saver (SS) and High Output (HO) drive currents (Drive currents are factory programmed).
- Components are fully encased in potting material for moisture resistance.
- Driver complies with FCC 47 CFR part 15 RFI/EMI standard.
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- 0-10V dimming (10% - 100%) Optional.

Controls

- Optional integral passive infrared motion sensor.
- Bi-level switching responds to external line voltage signal from separate 120-277V controller or sensor (by others), with low light level decreased to 30% maximum drive current.

Installation

- 2-1/2" x 5-3/8" x 12" extruded aluminum arm mounting bracket shipped standard. Use with LSI B5 traditional drilling pattern.
- Round Pole Plate (RPP2) required for mounting to 3"- 5" round poles. (See Accessory Ordering Information chart.)

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsiindustries.com/resources/terms-and-warranty.aspx> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet Locations
- IP67 rated optical chamber.
- 3G rated for ANSI C136.31 high vibration applications.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- US patent D574994 & 7,828,456 and MX patent 29631

Specifications and dimensions subject to change without notice.





ORDERING GUIDE

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TYPICAL ORDER EXAMPLE: **XGBM 5 LED HO CW UE WHT IMS**

Prefix	Distribution	Light Source	Lumen Package	Color Temp
XGBM ¹ - Greenbriar	3 - Type 3 FT - Type 4 (Forward Throw) FTA - Forward Throw Automotive 5W - Type 5W	LED	LW - Low Watt (12,000 Nominal Lumens) SS - Super Saver (18,000 Nominal Lumens) HO - High Output (30,000 Nominal Lumens) Custom Lumen Packages ⁵	CW - Cool White (5,000K CCT) NW - Neutral White (4,000K CCT)
Voltage	Finish	Controls	Options	
UE - Universal Voltage (120-277V) 347-480 - High Voltage (347-480V)	BRZ - Dark Bronze BLK - Black GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver WHT - White PLP - Platinum Plus SVG - Satin Verde Green Color Decals 45 - Light Gold 20 - Charcoal Metallic 55 - Black 94 - Blue Metallic 59 - Dark Green 51 - Dark Red 21 - Tomato Red 50 - White 700 - Aztec Silver Metallic	(Blank) - None Wireless Controls System ALSC - AirLink Synapse Control System ^{2,3} Stand-Alone Controls DIM - 0-10 volt dimming (from external signal) ⁴ BLS - Bi-level Switching (120-277V controls system voltage) ⁵ IMS - Integral Motion Sensor ⁶ PCI120 - 120V Button Type Photocell PCI208 - 208V Button Type Photocell PCI240 - 240V Button Type Photocell PCI277 - 277V Button Type Photocell PCI347 - 347V Button Type Photocell	(Blank) - None 8BK - 8" Bracket (S and D180 only) TB - Terminal Block	

Accessory Ordering Information (Accessories are field installed)

Mounting Accessories	
Description	Order Number
RPP2 - Round Pole Plate	162914BLK
BKS-BO-WM-* - CLR - Wall Mount Plate	123111CLR
BKA-BO-RA-8-CLR - Radius Arm	169010CLR
BKU-BO-S-19-CLR - Upsweep Bracket for round or square poles	144191CLR

Shielding Accessories	
Description	Order Number
XGBM-HSS House Side Shield (Black only)	482002 BLK ⁷

Fusing Accessories ⁸	
Description	Order Number
Single Fusing (120V)	See Fusing Guide
Single Fusing (277V)	
Double Fusing (208V, 240V)	
Double Fusing (347V)	
Double Fusing (480V)	

FOOTNOTES:

- 1 - Use with B5 drilling pattern
- 2 - For wireless controls information and accessories, see Controls section.
- 3 - Requires a SiteManager and override switch. Not compatible with BLS or IMS option.
- 4 - Not compatible with IMS or BLS option.
- 5 - Not compatible with wireless controls system, DIM or IMS option.
- 6 - Not compatible with wireless controls system, DIM or BLS option
- 7 - House Side Shields add to fixture EPA. Consult factory
- 8 - Fusing must be located in the hand hole of pole.





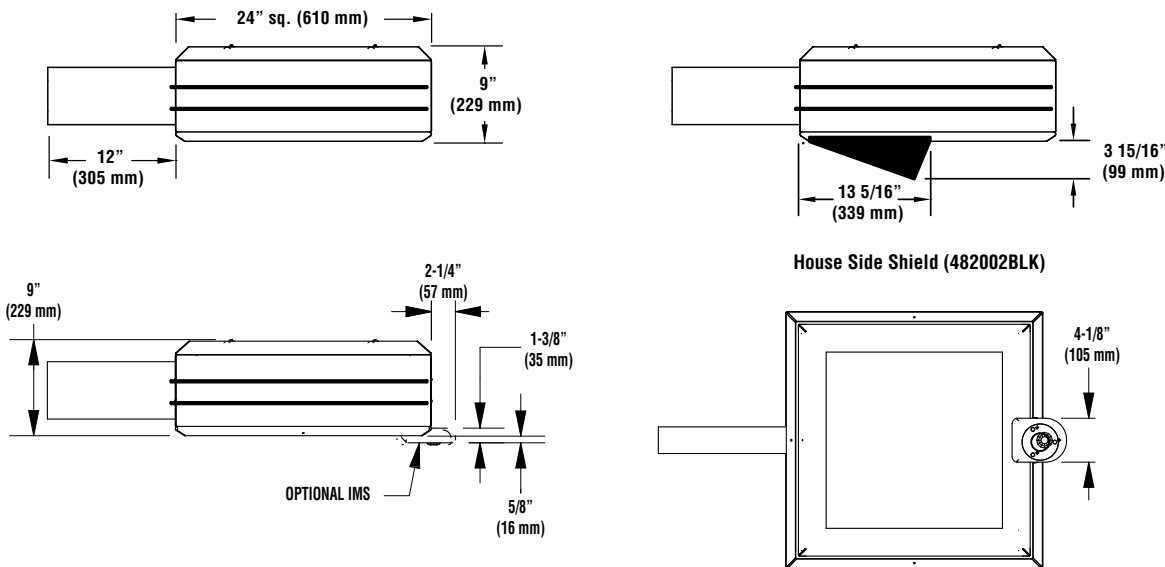
PERFORMANCE

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Delivered Lumens*									
Lumen Package	Distribution	CRI	CW - 5000K CCT			NW - 4000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
LW	3	70	14082	100	B2-U0-G2	11451	84	B2-U0-G2	137
	3 HSS		9205	67	B1-U0-G2	7513	55	B1-U0-G2	
	FT		15019	107	B1-U0-G3	12217	90	B1-U0-G3	
	FT HSS		11519	84	B1-U0-G3	9365	69	B1-U0-G3	
	5		13842	99	B3-U0-G2	11291	83	B3-U0-G2	
	FTA		16560	118	B3-U0-G2	13473	99	B3-U0-G2	
	FTA HSS		11440	84	B2-U0-G2	9277	68	B2-U0-G2	
SS	3	70	20181	108	B3-U0-G2	16394	87	B3-U0-G2	189
	3 HSS		13034	70	B2-U0-G2	10384	55	B2-U0-G2	
	FT		20700	111	B2-U0-G3	17230	91	B2-U0-G3	
	FT HSS		15273	82	B1-U0-G3	12597	67	B1-U0-G3	
	5		18044	97	B4-U0-G2	15173	80	B4-U0-G2	
	FTA		23033	123	B3-U0-G3	18752	99	B3-U0-G3	
	FTA HSS		15213	81	B3-U0-G2	12516	66	B3-U0-G2	
HO	3	70	26754	89	B3-U0-G3	22240	77	B3-U0-G2	289
	3 HSS		17316	60	B2-U0-G2	13941	48	B2-U0-G2	
	FT		29070	97	B2-U0-G4	23512	97	B2-U0-G4	
	FT HSS		20964	73	B1-U0-G4	17191	73	B1-U0-G4	
	5		25464	85	B4-U0-G2	20549	71	B4-U0-G2	
	FTA		31808	106	B4-U0-G4	25407	88	B3-U0-G3	
	FTA HSS		20838	72	B3-U0-G3	16855	58	B3-U0-G3	

*LEDs are frequently updated therefore values are nominal

PRODUCT DIMENSIONS



LUMINAIRE EPA CHART ² - XGBM		
	8" Bracket	12" Bracket
Single	2.3	2.4
D180°	4.7	4.8
D90°	12" Bracket Required	4.7
T90°		7.2
TN120°		7.3
Q90°		8.8

Note: House Side Shield adds to fixture EPA. Consult Factory.



CONTROLS

AirLink Wireless Lighting Controller

The AirLink integrated controller is a California Title 24 compliant lighting controller that provides real-time light monitoring and control with utility-grade power monitoring. It includes a 24V sensor input and power supply to connect a sensor into the outdoor AirLink wireless lighting system. The wireless integrated controller is compatible with this fixture.

[Click here to learn more about AirLink.](#)

Occupancy Sensing (IMS)

Optional integral passive infrared motion sensor activates switching of luminaire light levels. High level light is activated and increased to full bright in 1-2 seconds upon detection of motion. Low light level (30% maximum drive current) is activated when target zone is absent of motion activity for ~2 minutes and ramps down (10-15 seconds) to low level to allow eyes time to adjust. Sensor is located on the front of optical assembly and rotates with the optic. Sensor optic has a detection cone of approximately 45°. Examples of detection - occurs 30' out from a 30' mounting height pole; occurs 20' out from a 20' mounting height pole.

[Click here to learn more about IMSBT.](#)

