Catalog # : _____ Project : _____ Type : _____

Prepared By : _____ Date : _____

Greenbriar (XGBM)

Outdoor Area Light



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

QUICK LINKS

Ordering Guide | Performance | Photometrics | Dimensions

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 top access 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.

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.lsicorp.com/resources/terms-conditions-warranty/ 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) Premium qualified product. Not all versions of this product may be DLC Premium 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
- Buy American Act (BAA) and Build America, Buy America (BABA) Compliant Fixture.
  - Compliance dependent on SKU and configuration. Confirm with factory.

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Type : _____

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

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

Prefix	Distribution	Light Source	Lumen Package	Color Temperature
XGBM[1] - Greenbriar	**3** - Type 3 **FT** - Type 4 (Forward Throw) **FTA** - Forward Throw Automotive 5**W** - 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[6]	**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	**Blank** - None **Wireless Controls System** A**LSC** - 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)

Need more information?
Click here for our glossary

Have additional questions?
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MOUNTING ACCESSORY ORDERING INFORMATION

Order Number	Description
162914BLK	RPP2 - Round Pole Plate
123111CLR	BKS-BO-WM-*-CLR - Wall Mount Plate
144191CLR	BKU-BO-S-19-CLR - Upsweep Bracket for round or square poles

SHIELDING ORDERING INFORMATION

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

FUSING ORDERING INFORMATION

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

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.

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PERFORMANCE

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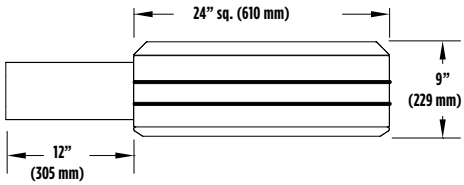
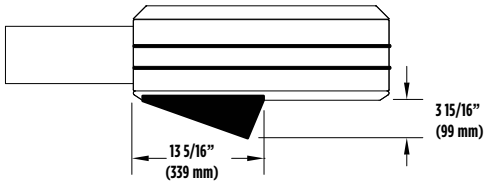
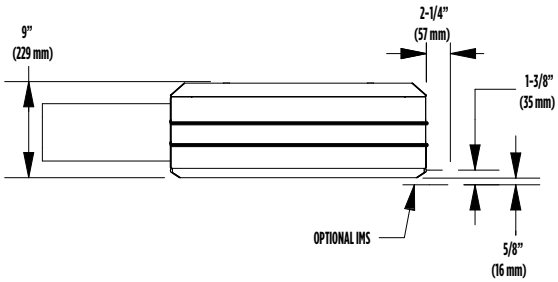
Delivered Lumens*									
Lumen Package	Distribution	CRI	CW - 5000K CCT			NW - 4000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
LW	3	70	14082	100	B2-U0-G2	11451	84	B2-U0-G2	137
	3 HSS		9205	67	B1-U0-G2	7513	55	B1-U0-G2	
	FT		15019	107	B1-U0-G3	12217	90	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

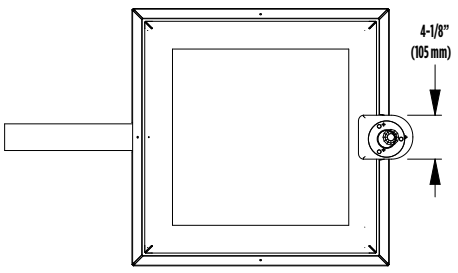
PRODUCT DIMENSIONS







House Side Shield (482002BLK)



LUMINAIRE EPA CHART

		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

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CONTROLS

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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.

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