LED GREENBRIAR® WALL SCONCE (XGBWM3)

Crossover®
LED LIGHTING TECHNOLOGY

US patent 7828456, 8002428 and CAN 2736757 & 2736757 and MX patent 29631 and ISRL 49679 and AUS 2008312668 and US & Int'l. patents pending

Shown with optional decal striping

SMARTTEC™ ENERGY SAVING FEATURES:

THERMAL CONTROL - Sensors in both optical and driver enclosure reduce driver current when ambient temperatures exceed 50°C. Current is lowered in imperceptible 5% increments every 5 minutes until safe operating temperature is reached.

OPTIONAL INTEGRAL MOTION SENSOR - Passive infrared motion sensor activates switching of luminaire light levels. High level light is activated when passersby enter target zone and increased to full bright in 1-2 seconds. Low light level (30% of maximum drive current) is activated when target zone is absent of motion activity for 5 minutes and is gradually ramped down (10 seconds) to low level. Sensor detection range 110° horizontal x 93° vertical x 10 meters maximum distance.

EXPECTED LIFE - Minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.

LEDS - Available with 28 or 48 select high-brightness LEDs in Cool White (5300°K nominal) or Neutral White (4200°K nominal) color temperature, 70 CRI (nominal).

OPTICS/DISTRIBUTIONS - Ultra-high efficiency reflectors provide three distributions. Choose from Wide Throw (WT), Forward Throw (FT) or Wall Wash (WW).

HOUSING - The aerodynamic aluminum housing is a rectangular shape. All mounting hardware is stainless steel or electro-zinc plated steel. Housing and optical unit are sealed with extruded silicone gasket; supply conductors with molded EPDM bushing.

OPTICAL UNIT - Clear tempered optical-grade flat glass lens sealed to the aluminum optic housing creates an IP67 rated unit. Pressure stabilizing breather allows super-tight protection while preventing cycling from building up internal pressures and vacuums that can stress optical unit seals.

WALL MOUNTING - Galvanized-steel universal wall mounting plate easily mounts directly to 4" octagonal or square junction box. EPDM gasket is supplied to be installed between mounting plate and junction box, sealing junction box from entrance of water. Universal plate permits fixture to be mounted in uplighting (indoor only) or downlighting position.

POLE MOUNTING - XPMA (for square) or XPMAR (for round) allows mounting to poles in single and D180 configurations. Use with 3" reduced drilling pattern.

ELECTRICAL - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Scenario 1, Location Category C. Available with universal voltage power supply 120-277VAC (50/60Hz input) or 347-480VAC.

DRIVER - Available in 350mA and 450mA drive currents (Drive currents are factory programmed). Components are fully encased in potting material for IP65 moisture resistance. Driver complies with IEC and FCC standards. Driver can be easily accessed and removed.

EMERGENCY OPTIONS - Integral emergency battery-back-up options are available. BB option operates in 0°C to 60°C ambient temperature and CWBB operates in -20°C to 60°C ambient temperature. When primary AC power failure occurs, both options operate 10 LEDs for minimum of 90 minutes.

OPERATING TEMPERATURE - -40°C to +50°C (-40°F to +122°F)

FINISH - LSI's DuraGrip® polyester powder coat finishing process withstands extreme weather changes without cracking or peeling. Guaranteed for five full years.

DECAL STRIPING - Optional color-coordinated decals in 9 standard colors to accent the fixture. Decals are guaranteed for five years against peeling, cracking, or fading.

WARRANTY - LSI LED fixtures carry a limited 5-year warranty.

PHOTOMETRICS - Application layouts are available upon request. Contact LSI Applications Group at lighting.apps@lsi-industries.com

SHIPPING WEIGHT (in carton) - 31 lbs./14Kg

LISTING - ETL listed to ANSI/UL 1598. UL8750 and other U.S. and international safety standards. Suitable for wet locations in downlight position.

LIGHT OUTPUT - XGBWM3

| | Milliamps | # of LEDs | Distribution/Lumens (Nominal) | | | |
			Type FT	Type WT	Type WW	Watts
Cool White	350 mA	28	2876	2902	3032	34
		48	4855	4931	5038	55
	450 mA	28	3522	3542	3720	44
		48	5900	5972	6115	72
Neutral White	350 mA	28	2787	2792	2898	34
		48	4553	4660	4580	55
	450 mA	28	3377	3369	3517	44
		48	5453	5562	5452	72

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.

American Innovation
American Made

RoHS COMPLIANT   CE   c(ETL)us Intertek wet location

ARRA Funding Compliant   **IP67**

Also available in traditional light sources

Project Name _____   Fixture Type _____

Catalog # _____

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LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: XGBWM3 FT LED 48 450 CW UE WHT BB

Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Finish	Options
XGBWM3 - LED Greenbriar Wall Sconce	WT - Wide Throw FT- Forward Throw WW - Wall Wash	LED	28 48	350 - 350mA 450 - 450mA	CW - Cool White NW - Neutral White	UE - Universal Voltage (120-277) 347-480	BLK - Black BRZ - Bronze GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	BB - Battery Back-up[1] CWBB - Cold Weather Battery Back-up[1] IMS - Integral Motion Sensor 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 XPMA - Pole Mount Adaptor for use with Square Pole (for single or D180 mounting configuration only)[2] XPMAR4 - Pole Mount Adaptor w/fixture backplate for use with 4" O.D. round poles[2] XPMAR5 - Pole Mount Adaptor w/fixture backplate for use with 5" O.D. round poles[2] TP - Tamper Proof[3]

Color Decals
45 - Light Gold Metallic	55 - Black
20 - Charcoal Metallic	50 - White
94 - Blue Metallic	51 - Dark Red
21 - Tomato Red	59 - Dark Green
700 - Aztec Silver Metallic	

NOTES:
1 - Available with UE voltage only.
2- Designed with 3" reduced drilling pattern. For S or D180 mounting configuration only.
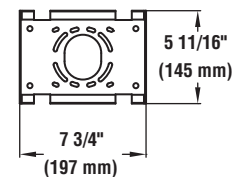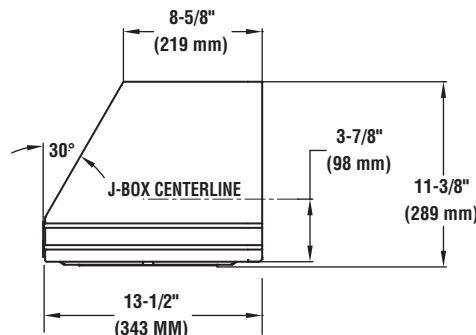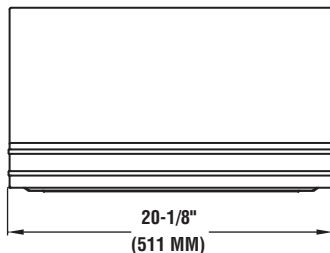3- Tamper-proof Screwdriver must be ordered separately. (See Accessory Ordering Information.)

ACCESSORY ORDERING INFORMATION   (Accessories are field installed)

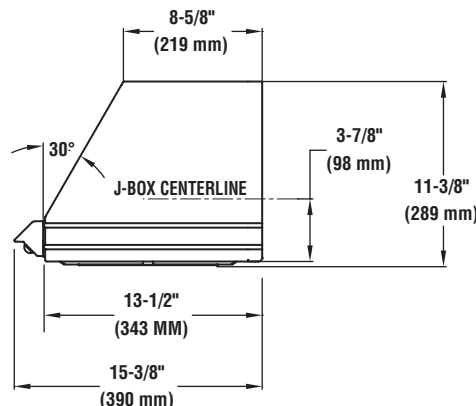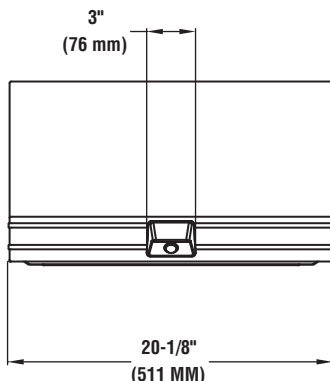| Description	Order Number
XGBWM3 PLS - Polycarbonate Shield	172787
XGBWM3 SW BLK - Surface Wiring Box	173156BLK+
SCD - Tamper-proof Screwdriver	477974
FK120 - Single Fusing	FK120++
FK277 - Single Fusing	FK277++
DFK208, 240 - Double Fusing	DFK208,240++
DFK480 - Double Fusing	DFK480++
FK347 - Single Fusing	FK347++

NOTES:
+SW BLK not compatible with XPMA or XPMAR option. Available in black only.
++Fusing to be installed in a compatible junction box supplied by contractor.

DIMENSIONS

8-5/8" (219 mm)
3-7/8" (98 mm)
J-BOX CENTERLINE
11-3/8" (289 mm)
30°
13-1/2" (343 MM)
20-1/8" (511 MM)

5 11/16" (145 mm)
7 3/4" (197 mm)
Universal Mounting Plate

3" (76 mm)
20-1/8" (511 MM)

8-5/8" (219 mm)
3-7/8" (98 mm)
J-BOX CENTERLINE
11-3/8" (289 mm)
30°
13-1/2" (343 MM)
15-3/8" (390 mm)

Shown with IMS option

LSI Industries™
American Innovation Through Technology

Project Name _____
Catalog # _____

Fixture Type _____

01/21/14
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