

LED AREA LIGHTS - MEDIUM (XAM3)



US patents D598160, D598161 & 7828456 and CN patents 13006 & 13007 and MX patents 30416 & 30418 and US & Int'l. patents pending

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

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 - Select high-brightness LEDs. 5800°K color temperature (nominal). 70 CRI (nominal).

DISTRIBUTION/PERFORMANCE - Types 2, 3, FT and 5. Exceptional uniformity creates bright environment at lower light levels. Improved backlight cutoff minimizes light trespass.

HOUSING - Die-formed aluminum. Weather-tight housing contains factory prewired driver and field connections. Wiring access door (with safety lanyard) is located underneath and utilizes tool-less thumbscrew fastener.

OPTICAL UNIT - Clear tempered optical grade flat glass lens sealed to aluminum optics housing creates an IP67 rated, sealed optical unit. Pressure stabilizing breather allows super-tight IP67 protection while preventing temperature cycling from building up internal pressures and vacuums that can stress optical unit seals and components. Optical unit lanyard serves dual purposes of safety and provides positive ground between unit and housing.

MOUNTING - Tapered rear design allows fixtures to be mounted in a quad pattern without the need for extension arms. Use with 3" reduced drilling pattern on our steel round and steel square poles. See separate data sheets.

ELECTRICAL - A terminal block for attachment of incoming primary wiring is supplied. 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), 347VAC and 480VAC. Optional twistlock photocell receptacle is available. Photocell must be ordered separately. Optional button-type photocells (PCI) are available in 120, 208, 240, 277 or 347 volt (supply voltage must be specified).

DRIVER - Available in 350mA and 450mA drive currents (Drive currents are factory programmed). State-of-the-art driver technology designed specifically for LSI LED light sources provides unsurpassed system efficiency. Components are fully encased in potting material for IP68 moisture resistance. Driver complies with IEC and FCC standards. Driver can be easily accessed and removed without the use of tools.

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

FINISH - Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, graphite, satin verde green, metallic silver and white.

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) - 34.6 lbs (16 kg)

LISTING - ETL listed to U.S. and International safety standards. Suitable for wet locations.

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



IP67



ROHS COMPLIANT



ARRA
Funding Compliant

Suitable for wet locations

Fixtures comply with ANSI C136.31-2001 American National Standard for Roadway Lighting Equipment - Luminaire Vibration 3G requirements.

Crossover LED Lighting

lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)	10028
Watts	138
Lumens per Watt (Efficacy)	72

Color Accuracy Color Rendering Index (CRI)	70
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Light Color Correlated Color Temperature (CCT)	6223 (Daylight)		
2700K	3000K	4500K	6500K

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: KGGN-4DA3KS
Model Number: XAM3 FT LED 119 350 CW UE
Type: Outdoor area/roadway fixture

LIGHT OUTPUT - XAM3						
	# of LEDs	Lumens (Nominal)				Watts
		Type 2	Type 3	Type FT	Type 5	
350 mA	119	9770	9549	10028	9148	138
450 mA	119	11960	10437	12342	10396	184

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LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XAM3 2 LED 119 350 CW UE WHT PCI120**

Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Finish	Options
XAM3 - LED Area Medium	2 - Type 2 3 - Type 3 FT - Forward Throw 5 - Type 5	LED	119	350 - 350mA 450 - 450mA	CW - Cool White (5800°K nom.)	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	Button Type Photocells PCI 120 - 120v PCI 208 - 208v PCI 240 - 240v PCI 277 - 277v PCI 347 - 347v PCR - Twistlock Photoelectric Control Receptacle ¹

LUMINAIRE EPA CHART ² - XAM3	
	Single 1.2
	D180° 2.4
	D90° 2.0
	T90° 3.4
	TN120° 3.4
	Q90° 4.0

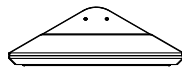
ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Description	Order Number
BKA-XBO-EC-6-CLR 6" Extension Arm	382136CLR
BKS-XBO-WM-* - CLR Wall Mounting Bracket	382132CLR
XAM3 2/3/FT/5 HSS13 - House Side Shield ^{2,3}	439436BLK
XAM3 2/3/FT/5 HSS8 - House Side Shield ^{2,3}	454586BLK
DVS - Direct View Shield (rear mount only) ³	390687CLR
X4RPP Round Pole Plate for 4" Poles	379967CLR
X5RPP Round Pole Plate for 5" Poles	379968CLR
PC 120 - Photocell for use w/ PCR option (120V) ⁴	122514
PC 208-277 - Photocell for use w/ PCR option (208V, 240V or 277V) ⁴	122515
PC 347 - Photocell for use w/ PCR option (347V) ⁴	159516
PC 480 - Photocell for use w/ PCR option (480V) ⁴	1225180

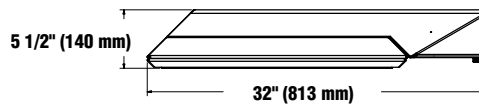
NOTES:

- 1- Photocell must be ordered separately. See Accessories.
- 2- Black only. Rear mount. Photometry available for HSS13 on XRM3.
- 3- Direct View Shield and House Side Shields add to fixture EPA. Consult factory.
- 4- Factory installed PCR option required. See Options.

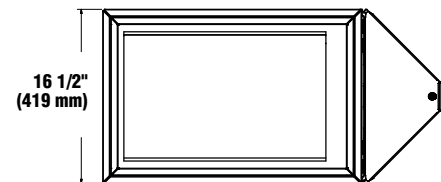
DIMENSIONS



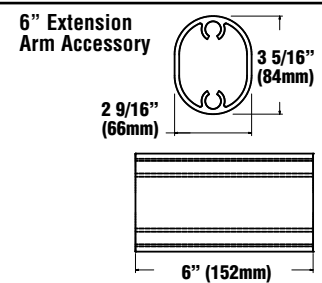
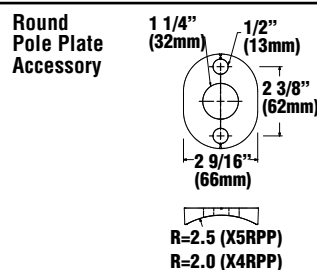
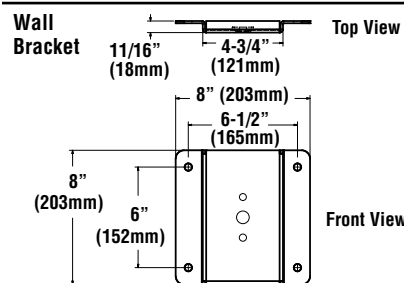
Front View



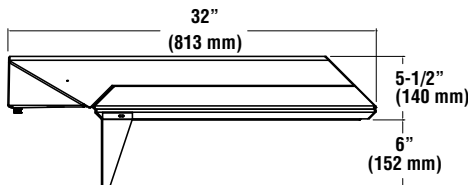
Side View



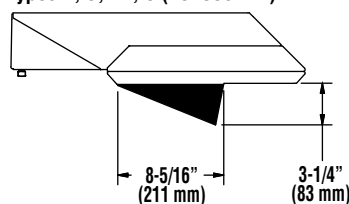
Bottom View



DVS - Direct View Shield (390687CLR)



HSS8 - House Side Shield Types 2, 3, FT, 5 (454586BLK)



HSS13 - House Side Shield Types 2, 3, FT, 5 (439436BLK)

