LED AREA LIGHTS - (PASU)

Crossover® LED LIGHTING TECHNOLOGY



US patent 7828456, 7952293, 8002428 and CAN 2693131 & 2701653 and US & Int'l. patents pending

SMARTTEC™ THERMAL CONTROL - Sensors in 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 in Cool White (5000°K nominal) or Neutral White (4000°K nominal) color temperature. 70 CRI (nominal).

DISTRIBUTION/PERFORMANCE - Type S (Standard Symmetric). Exceptional uniformity creates bright environment at lower light levels.

HOUSING - One-piece, die-formed aluminum. Weather-tight housing contains factory prewired driver and field connections. Extruded one-piece EPDM gasketed 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 (includes pressure-stabilizing breather). Optical unit is recessed into housing cavity and sealed to the housing with extruded one-piece EPDM gasket. 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 round and square poles. A round pole plate (X4RPP, X5RPP) is required for mounting to round poles. Wall mount available by ordering wall mounting bracket (BKS-XBO-WM-*-CLR). See Accessory Ordering Information chart for all brackets.

ELECTRICAL - 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 (50/60Hz input), and 347-480 VAC. Optional twistlock photocell receptacle is available. Photocell must be ordered separately. Fixture Watts: LW -78, SS - 130 nominal.

DRIVER - Available in LW (Low Wattage) and SS (Super Saver) 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 and key electronic components can easily be accessed.

OPERATING TEMPERATURE - -40ºC to +50ºC (-40ºF to +122ºF).

FINISH - Fixtures are finished with LSI's DuraGrip ® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.

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. / 14.1 Kg (fixture only). Add mast arm weight for total shipping weight.

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

LIGHT OUTPUT - PASU

		Lumens (Nominal) Type S
Cool White	LW	7800
	SS	12950
Neutral White	LW	7350
	SS	11800

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

c UL us LISTED wet location

ARRA Funding Compliant

IP65
IP67

Fixtures comply with ANSI C136.31-2010 American National Standard for Roadway Lighting Equipment - Luminaire Vibration 3G requirements.

LSI Industries™ American Innovation Through Technology

Project Name BulbsDepot Fixture Type

Catalog #

09/17/13

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LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **PASU S LED SS CW UE WHT PCR**

Prefix	Distribution	Light Source	Drive Current	Color Temperature	Input Voltage	Finish	Options
PASU	S - Standard Symmetrical	LED	LW -Low Wattage SS - Super Saver	CW - Cool White NW - Neutral White	UE - Universal Voltage (120-277) 347-480 - Universal Voltage (347-480V)	BLK - Black BRZ - Bronze GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	PCR - Photoelectric Control Receptacle[1] TB - Terminal Block

LUMINAIRE EPA CHART - PASU

	Single	0.9
	D180°	2.0
	D90°	1.6
	T90°	2.7
	TN120°	2.8
	Q90°	3.1

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

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
PASU-HSS House Side Shield (Black only)	544103BLK[2]
X4RPP Round Pole Plate for 4" Poles	379967CLR
X5RPP Round Pole Plate for 5" Poles	379968CLR
PC120 Photocell for use with PCR option (120V)	122514[3]
PC208-277 Photocell for use with PCR option (208V, 240V, 277V)	122515[3]
PC347 Photocell for use with PCR option (347V)	159516[3]
PC480 Photocell for use with PCR option (480V)	1225180[3]

Description	Order Number
FK120 Single Fusing (120V)	FK120[4]
FK277 Single Fusing (277V)	FK277[4]
DFK208, 240 Double Fusing (208V, 240V)	DFK208, 240[4]
DFK480 Double Fusing (480V)	DFK480[4]
FK347 Single Fusing (347V)	FK347[4]

FOOTNOTES:

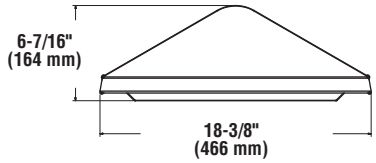
1- Photocell must be ordered separately. See Accessories.

2 - House Side Shield adds to fixture EPA. Consult factory.

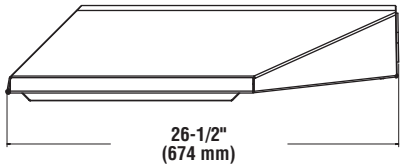
3 - Factory installed PCR option required.

4 - Fusing must be located in the hand hole of pole.

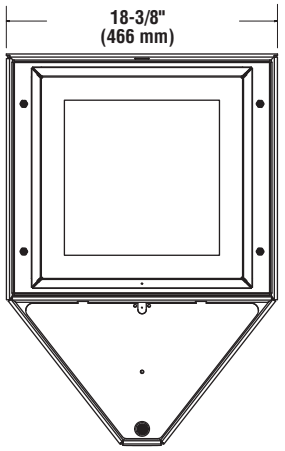
DIMENSIONS



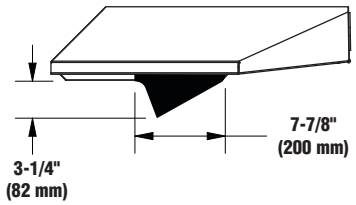
Front View



Side View



Bottom View



House Side Shield

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