

AccuLite™

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

ALARI™ LED Wall Sconce

LED, 50W OR 77W

Cat. No: _____

PRODUCT DESCRIPTION

The Alari LED Wall Sconce is a wall mounted performance luminaire that provides a graceful transition from the parking lot to the building. The sweeping curves and elegant lines create a daytime appeal not normally found in a luminaire of this type. The high performance optics complete the Alari package, providing even illumination and exceptional fixture spacing. The Alari LED Wall Sconce is available with a robust LED engine that delivers up to 5,000 lumens and it can be ordered with an optional integral emergency battery system.

PRODUCT SPECIFICATIONS

Optics Custom designed, high performance molded TIR (Total Internal Reflection) optics shape the LED light with a wide throw or a forward throw distribution • The wide and forward throw distributions are performance oriented to extract the maximum light out of the LEDs and deliver it exactly where needed • A stainless steel polished to mirror finish reflector projects light out of the fixture, maximizing fixture performance • A tempered glass lens completely seals the optical system.

"Dark Sky" Friendly Meets Dark Sky ordinance requirements.

Tool-Less Access Snap action door latch reduces installation time. No tools are required for access to the driver or wiring compartment.

Construction Die cast aluminum housing • Stainless steel external hardware • Hinged door • Tempered glass lens mechanically attached with lens clips to facilitate lens replacement • Silicone rubber gaskets completely seal the unit • Rubber grommet for wiring entry keeps insects and dust out of the fixture • J-Box mounting bracket includes level for a straight fixture installation • Stainless steel polished to mirror finish reflector.

Thermal Management LED boards are mounted to an aluminum heat sink that is directly attached to the external housing, transferring the LED heat to the outside of the fixture through the housing surface.

"Easy-Install" Mounting Mounts to a standard 3 1/2" or 4" junction box • Using the built-in level, align the bracket and secure it • Hang the luminaire and secure with heavy duty set screws

Finish Polyester powder coat finish with a six stage application process • Bronze, black, white or silver are standard • Designer finishes available upon request (provide RAL number).



Emergency Lighting Option An optional integral battery pack can be provided for emergency lighting during a power outage • Emergency battery pack is internal to the fixture so there is no need for any external battery installation • Choose between EM option (0° to 40°C, 32° to 104°F ambient) and EX option (-20° to 40°C, -4° to 104°F ambient).

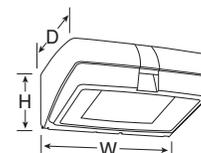
0-10V Dimming Option An optional 0-10V dimming driver (D option) is fully compatible with Schneider Electric C-Bus networks

Certification Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications • Full fixture IP65 rating • Compliant with Dark Sky ordinances • Union made • Driver meets UL879, UL1310 Class 2, cUL, FCC CE (EN55 015, EN61347) • Driver is RoHS compliant • Assembled in the USA • Meets "Buy American Act" and ARRA • 5 year limited warranty.

Specifications subject to change without notice.

DIMENSIONS

D	W	H
13 1/2"	15 1/2"	8"



LED LUMEN DEPRECIATION

Ambient Temperature (°C)	Fixture	L ₇₀ Hours
25°C	AW2 Series	60,000

PRODUCT CODES

Series	Lamp (Watts/Type @ 5100K)	Color Temperature	Volts	Distribution	Options
AW2	A033	-5K	-UN	-WT	
AW2	- A033 LED, 3300 Lumens, 50 watts	-5K 5100K	-UN 120-277V	-WT Wide Throw	- PC* Photo Control
	- A050 LED, 5000 Lumens, 77 watts	- 4K 4100K	- E12 120V	- FT Forward Throw	- EM * Emergency Ballast
			- E20 208V		- EX* Emergency Ballast, Cold Temps
			- E24 240V		- F1* Fuse Single Pole Line to Neutral
			- E27 277V		- F2* Fuse for 208V, 240V
			- E34 347V		- D 0-10V Dimming Driver
					Color
					- no suffix Bronze Finish
					- BL Black Finish
					- SL Silver Finish
					- WH White Finish
					*Specify Voltage

ACCESSORIES

Accessories are ordered and shipped separately

Description	Catalog #
Polycarbonate Guard	AW-PG
Wire Guard	AW-WG
Side Shield	AW-SS

LED PERFORMANCE

	Distribution	CCT	CRI	Delivered Lumens	Input Voltage	System Watts	Efficacy
AW2 Series, 50W							
AW2-A033-4K-UN-FT	Forward	4000K	75	1994	120	50	40
AW2-A033-4K-UN-WT	Wide	4000K	75	1985	120	50	40
AW2-A033-5K-UN-FT	Forward	5000K	70	3296	120	50	66
AW2-A033-5K-UN-WT	Wide	5000K	70	3281	120	50	66
AW2 Series, 77W							
AW2-A050-4K-UN-FT	Forward	4000K	75	2980	120	77	39
AW2-A050-4K-UN-WT	Wide	4000K	75	2966	120	77	39
AW2-A050-5K-UN-FT	Forward	5000K	70	4925	120	77	64
AW2-A050-5K-UN-WT	Wide	5000K	70	4902	120	77	64



LED CANOPY LIGHT - LEGACY™ (CRU)



LED lighting facts
A Program of the U.S. DOE

Crossover LED Lighting

Light Output (Lumens)	16997
Watts	148.9
Lumens per Watt (Efficacy)	114
Color Accuracy Color Rendering Index (CRI)	74

Light Color
Correlated Color Temperature (CCT)

5037 (Daylight)

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

Warranty** Yes

All results, except LED Lumen Maintenance, 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.

** See www.lightingfacts.com/products for details.

Registration Number: KGGN-NZWH8 (6/12/2013)
Model Number: CRU SC LED HO CW UE
Type: Canopy light

US & Int'l. patents pending.

SMARTTEC™ ENERGY SAVING FEATURES

THERMAL CONTROL - LSI drivers feature integral sensor which reduces drive current, when ambient temperatures exceeds rated temperature.

HOUSING - Low profile, durable die-cast, aluminum construction, providing a reliable weather-tight seal.

LEDS - Features an array of select, mid-power, high brightness, high efficiency LED chips; 5300°K color temperature, 70 CRI (nominal).

DRIVE CURRENT - Choice of Low Wattage (LW), Mid Wattage (MW), Super Saver (SS), High Output (HO), or Very High Output (VHO).

OPTICS / DISTRIBUTION - Symmetrical, which directs light through a clear tempered glass lens, to provide a uniform distribution of light to vertical and horizontal surfaces.

OPTICAL UNIT - Features an ultra-slim 3/4" profile die cast housing, with a flat glass lens. Unit is water-resistant, sealed to an IP67 rating. Integral designed heat sink does not trap dirt and grime, ensuring cool running performance over the life of the fixture.

PRESSURE STABILIZING VENT - Luminaire assembly incorporates a pressure stabilizing vent breather to prevent seal fatigue and failure.

HAZARDOUS LOCATION - Designed for lighter than air fuel applications. Product is suitable for Class 1 Division 2 only when properly installed per LSI installation instructions.

DRIVER - State-of-the-art driver technology superior energy-efficiency and optimum light output. LSI driver components are fully encased in potting for IP65 moisture resistance. Complies with IEC and FCC standards. Surge protected at 10KV.

DRIVER HOUSING - Die cast aluminum, wet location rated driver/electrical enclosure is elevated above canopy deck to prevent water entry, provide easy "knock-out" connection of primary wiring and contributes to attaining the lowest operating temperatures available. Seals to optical housing via one-piece molded silicone gasket.

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

ELECTRICAL - Universal voltage power supply, 120-277 VAC, 50/60 HZ input. LSI drivers feature two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Scenario 1, Location Category C.

FINISH - Standard color is white and is finished with LSI's DuraGrip polyester powder coat process. DuraGrip withstands extreme weather changes without cracking or peeling.

INSTALLATION - One person installation. No additional sealant required. Installs in a 12" or 16" deck pan. Deck penetration consists of a 4" hole, simplifying installation and water sealing. Unit is designed to quickly retrofit into existing Scottsdale (4") hole as well as openings for Encore and Encore Top Access and to reconnect wiring for the SC/ECTA without having to relocate the conduit. Retro panels are available for existing Encores (see back page) as well as kits for recessed and 2x2 installations (see separate spec sheets). Support brackets are provided standard, to prevent sagging of deck.

SHIPPING WEIGHT - 25 pounds (single pack), 50 pounds (double pack).

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

WARRANTY - Limited 5-year warranty.

LISTING - UL and ETL listed to UL 1598, UL 8750 and other U.S. and International safety standards. Suitable for wet locations.

PHOTOMETRICS - Applications layouts are available upon request. Contact LSI Petroleum Lighting or petroleum.apps@lsi-industries.com

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



Class 1, Division 2 – Standard on HO, SS, MW & LW only

T5 Temperature Classification – The surface temperature of this product will not rise above 100°C., within a 40°C ambient.

Gas Groups A,B,C, and D – Group A: Acetylene / Group B: Hydrogen / Group C: Propane and Ethylene / Group D: Benzene, Butane, Methane & Propane.

LED CANOPY LIGHT - LEGACY™ (CRU)

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **CRU SC LED SS CW UE WHT**

Prefix	Distribution	Light Source	Drive Current	Color Temperature	Input Voltage	Finish	Options
CRU	SC - Standard Symmetric	LED	LW - Low Watt MW - Mid Wattage SS - Super Saver HO - High Output VHO - Very High Output	CW - Cool White	UE - Universal Voltage (120-277V) 347-347V ¹	WHT - White BRZ - Bronze BLK - Black	2L - Bi-Level Switching ²

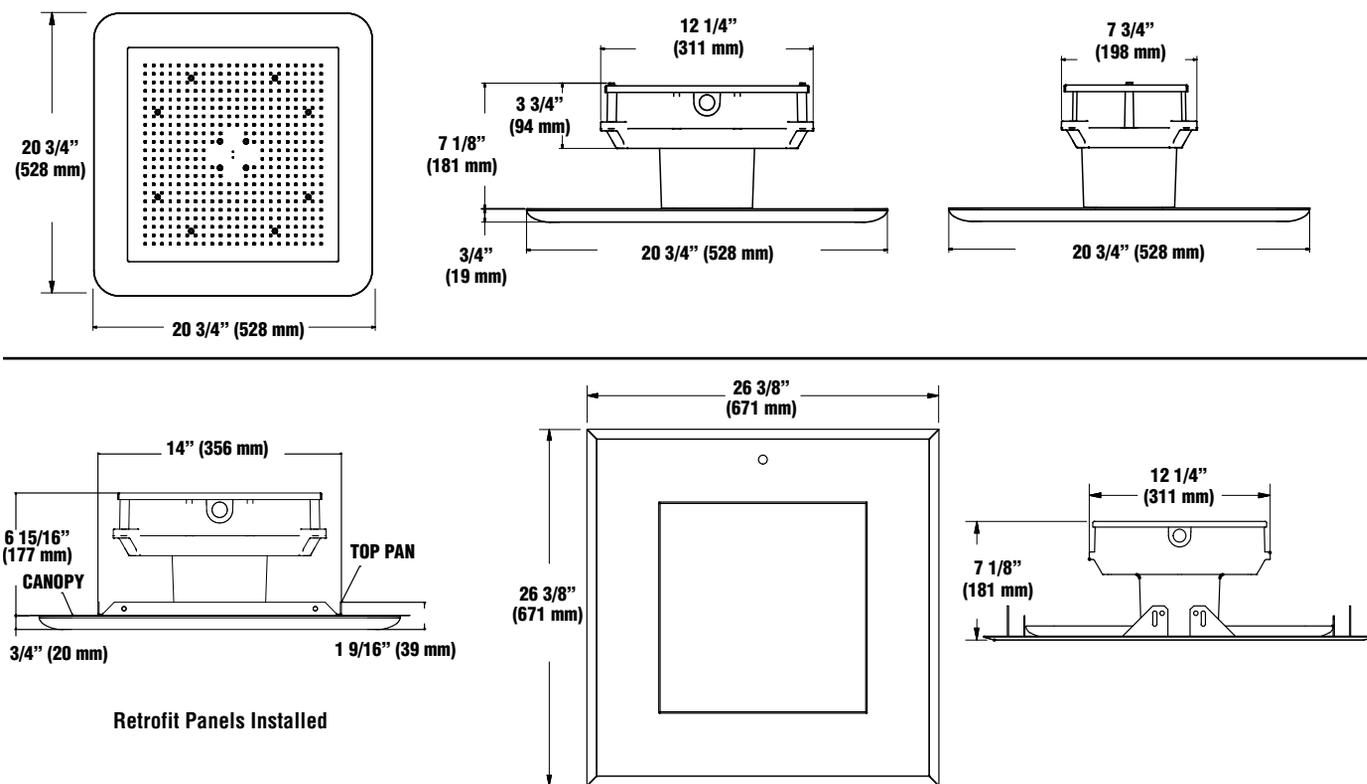
FOOTNOTES:

- 1- 347V only available in HO drive current.
- 2- Bi-Level available on "HO" drive current only.

ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Description	Order Number	Description	Order Number
Retrofit Panels - EC / ECTA / SCF to CRU, for 16" Deck Panel	525946	Kit - Hole Plugs and Silicone (enough for 25 retrofits) ¹	1320540
Retrofit Panels - ECTA / SCF to CRU, for 12" Deck Panel	530281	CRU FKL - Flange Kit ²	537530WHT
Retrofit 2x2 Cover Panel Blank (no holes)	357282	1- Consists of (25) 7/8" hole plugs and (1) 10.3 oz tube of RTV	
Retrofit RIC Cover Panel Blank (no holes)	354702	2- Flange Kit used to mount CRU in double deck applications	

DIMENSIONS



CRU FKL (for double deck applications)

LIGHT OUTPUT - CRU

	Lumens	Watts	LPW
Cool White	LW - Low Watt	8,438	111
	MW - Mid Watt	11,656	113
	SS - Super Saver	13,638	129
	HO - High Output	17,001	114
	VHO - Very High Output	20,997	192

LED AREA LIGHTS - XPT3 LED PATRIOT



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

SMARTTEC™ 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.

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. 5250°K color temperature (nominal). 70 CRI (nominal).

DISTRIBUTION/PERFORMANCE - Type 5 and FT. Exceptional uniformity with full cutoff creates bright environment at lower light levels. Improved backlight cutoff minimizes light trespass.

HOUSING - One-piece, die-cast aluminum in a multi-radiused, rectangular shape with mounting arm cast in as an integral part of the housing. All hardware is stainless steel or electro-zinc plated steel.

OPTICAL UNIT - Clear tempered optical grade flat glass lens sealed to die-cast aluminum door assembly. Secures to housing with stainless steel hinge bracket. Integral over-center latch allows easy tool-less access to driver. Optic provided with catch mechanism to limit door swing. One-piece extruded silicone gasket seals optical assembly against the housing.

MOUNTING - Use with 5" traditional drilling pattern. Integral cast mounting arm is flat for square pole applications. Use round pole adaptor (RPPC) to mount to round poles. RPPC must be ordered separately. Extruded 6" arm extension is available (but not required for 90° or 120° mounting configurations).

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 (UE-50/60Hz input) and 347-480VAC. Optional twistlock photocell receptacle is available. Photocell must be ordered separately.

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 IP65 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)

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. Meets requirements of ASTM B117 1000-hour salt fog and ASTM G155 1000-hour Xenon Arc UV tests (supersedes G53 UVB313).

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) - 56 lbs /25.4 Kg

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

LIGHT OUTPUT - XPT3				
	# of LEDS	Lumens (Nominal)		
		Type 5	Type FT	Watts
350 mA	128	10490	12710	137
450 mA	128	12630	15350	180

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



IP65

LED AREA LIGHTS - XPT3 LED PATRIOT



LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XPT3 FT LED 128 450 CW UE WHT PCR**

Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Finish	Options
XPT3 - LED Patriot	5 - Type V OR FT - Forward Throw ¹	LED	128	350 - 350mA 450 - 450mA	CW - Cool 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	PCR - Photoelectric Control Receptacle ² TB - Terminal Block

NOTE:

- 1 - This is a non-field-rotatable optic. For retrofit applications in which the original metal halide product was rotated and LED version will require a non-standard orientation, consult factory.
- 2 - Photocell must be ordered separately - see Accessories.

LUMINAIRE EPA CHART - XPT3

Single	1.5
D180°	3.0
D90°	2.3
T90°	3.8
TN120°	4.0
Q90°	4.5

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

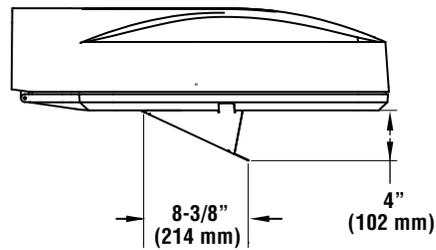
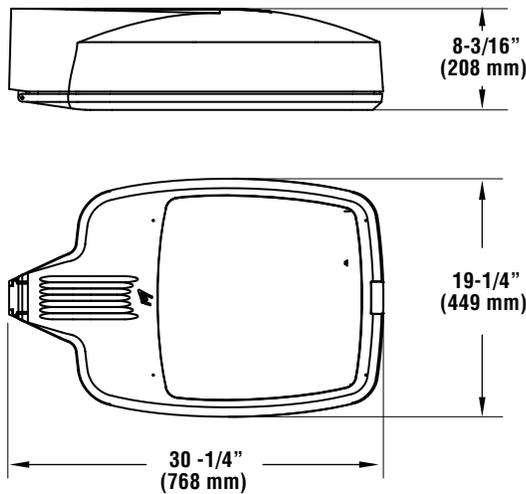
ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Description	Order Number	Description	Order Number
PC120 - Photocell	122514+	XPT3 FT HSS RM- External House Side Shield - Rear Mount	182009BLK+++
PC208-277 - Photocell for 208V, 240V or 277V	122515+	BKS-BO-WM-*-CLR - Wall Mount Plate	123111CLR
PC347 - Photocell	159516+	BKA-BO-EC-6-CLR - Extension Arm	142862CLR
PC480 - Photocell	1225180+	BKA-BO-RA-8-CLR - Radius Arm	169010CLR
RPPC - Round Pole Plate	141940CLR	BKU-BO-S-19-CLR - Upsweep Bracket for Round and Square Poles	144191CLR
FK120 - Single Fusing	FK120++		
FK277 - Single Fusing	FK277++		
DFK208, 240 - Double Fusing	DFK208,240++		
DFK480 - Double Fusing	DFK480++		
FK347 - Single Fusing	FK347++		

NOTES:

- +Factory installed PCR option required. ++Fusing must be located in the hand hole of pole.
- +++Black only. House Side Shields add to fixture EPA. Consult Factory.

DIMENSIONS

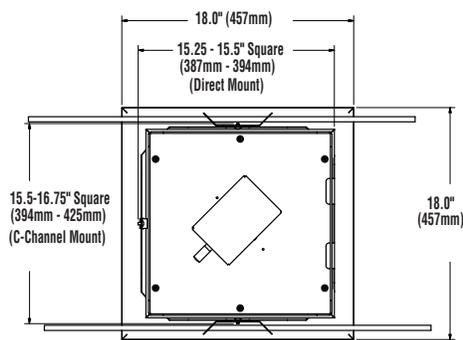


**House Side Shield
Rear Mounted
(182009BLK)**

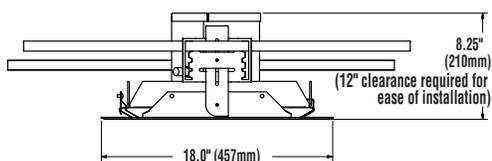
LED CROSSOVER SOFFIT LIGHT (XSL)



DIMENSIONS



TOP VIEW



SIDE VIEW

SHIPPING WEIGHT - 14 lbs. (6.4kg)

U.S. Patent D574994 and other U.S. and international patents pending

APPLICATIONS

Designed for recessed downlighting applications such as soffits and canopies

PRODUCT HIGHLIGHTS

- Technologically advanced solid-state LED lighting designed for 60,000+ hours of maintenance-free operation. Significant energy saving is realized over HID and fluorescent luminaires.
- Easy installation in new or retrofit applications. Simply direct mount or suspend the mounting frame from channel bars, slide the one-piece optical unit and driver assembly through the opening and snap into place.
- Thermal protector included standard for use in insulated spaces
- Wet location, IP65 rated for outdoor environments

HOUSING/LENS - Housing is die-formed aluminum with a gasketed clear tempered glass lens providing a water-resistant seal. Weather-tight aluminum enclosure contains factory prewired driver to ensure no water entry. Sealed optical unit containing LEDs rated IP65.

LED - Select high-brightness LEDs with 60,000 hour life. 5000°K color temperature (nominal).

MOUNTING - Direct mounts with screws through the trim frame (standard). Optional channel bar kit available to suspend assembly from ceiling joists.

ELECTRICAL - Universal frequency power supply (50/60 Hz). Supply voltage must be specified for pre-wired thermal protectors.

LIGHT OUTPUT - 4000 Lumens with an input power of 60 watts.

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

DRIVER - State-of-the-Art driver technology designed specifically for LSI LED light sources provides unsurpassed system efficiency. Driver will operate with input of 120V thru 277V (50/60 Hz). Components are fully encased in potting material for moisture resistance. Driver complies with IEC and FCC standards.

FINISHES - Each fixture is 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 color is white.

WARRANTY - Limited 3-year warranty.

PHOTOMETRICS - Application layouts are available upon request. Contact LSI Lighting Solutions *Plus*.

LISTING - Listed to U.S. and Canadian safety standards. Suitable for wet or damp locations.



Suitable for wet locations

IP65



PRODUCT ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XSL S LED 50 CW 120 WHT CMT**

Prefix	Distribution	Light Source	Qty. LED's	Color Temp.	Line Voltage	Finish	Options
XSL - Soffit Light	S - Symmetrical	LED - Light Emitting Diode	50	CW - Cool White (5000° K nom.)	120 - 120 208 - 208 240 - 240 277 - 277	WHT - White	CMT - Channel Bar Mounting Kit

12/23/08

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LSI INDUSTRIES INC.

Project Name _____ Fixture Type _____
Catalog # _____