

LED AMBIENT CANOPY LIGHT (CRS)



May be covered by the following: "US patents D574994, 5997158, 6168300, 6422720, D590100 & D574994 and CN patents 2244607 & 2363919 and MX patents 29631, 30407 & 30408 and US & Int'l. patents pending

SMARTTEC™ ENERGY SAVING FEATURES:

THERMAL CONTROL - Sensor reduces drive current when ambient temperatures exceeds rated temperature.

LEDS - Choose from two array choices, 64 and 84, which feature select high brightness LEDs; 5300°K color temperature, 70 CRI (nominal).

DRIVE CURRENT - 530 mA.

OPTICS / DISTRIBUTION - Available with symmetric (S) and enhanced symmetric (ES) distribution

OPTICAL UNIT - Featuring an ultra-slim 1" profile, housing is die-formed aluminum with a clear tempered glass lens. Unit is water-resistant, sealed to an **IP67** rating. Patented integral single blade heat sink does not trap dirt and grime, ensuring cool running performance over the life of the fixture.

THE INDUSTRY'S ONLY BREATHABLE SEAL - Luminaire assembly incorporates a pressure stabilizing vent breather to prevent seal fatigue and failure.

DRIVER - State-of-the-art driver technology provides excellent system efficiency, control and protection. Components are fully encased in potting for **IP54** moisture resistance. Complies with IEC and FCC standards.

DRIVER HOUSING - Wet location rated driver/electrical enclosure is elevated above canopy deck to help prevent water entry and to provide easy "knock-out" connection of primary wiring.

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

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

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

INSTALLATION - Installs in a 12" or 16" deck pan. Deck penetration consists of 5 drilled holes simplifying installation and water sealing. Unit is designed to retrofit into existing Scottsdale® (4") hole as well as openings for Encore® and Encore® Top Access and to reconnect wiring from the SC/ECTA without having to relocate conduit. Retrofit panels are available for existing Scottsdales and Encores (see back page) as well as kits for recessed and 2x2 installations (see separate spec sheets).

SHIPPING WEIGHT - 9.2 lbs.

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.

WARRANTY - Limited 5-year warranty.

LISTING - ETL listed to UL1598, UL8750 and other U.S. and International safety standards. Suitable for wet locations.

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

LIGHT OUTPUT - CRS

	# of LEDS	Distribution	Lumens	Watts
530 mA	64	S	9400	111
		ES	8650	111
	84	S	12,300	143
		ES	10,800	143



IP67

RoHS



10/24/11

Project Name _____ Fixture Type _____

Catalog # _____

LED AMBIENT CANOPY LIGHT (CRS)

LUMINAIRE ORDERING INFORMATION

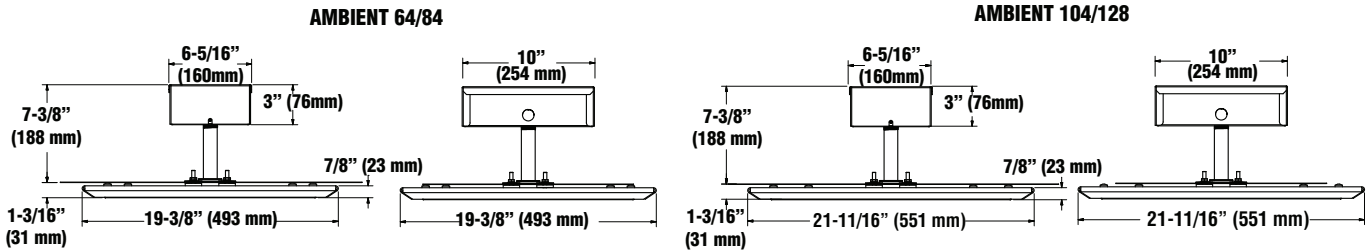
TYPICAL ORDER EXAMPLE: **CRS S LED 64 530 CW UE WHT**

Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Finish
CRS	S-Symmetric ES - Enhanced Symmetric	LED	64 84	530 - 530mA	CW - Cool White	UE - Universal Voltage (120-277 AC)	WHT - White

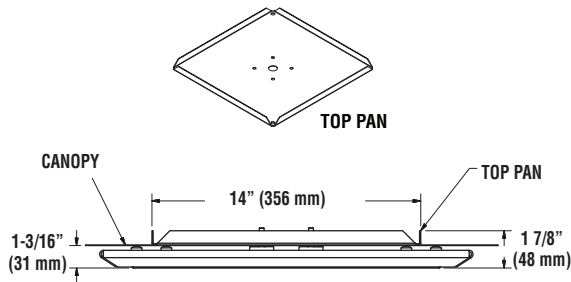
ACCESSORY ORDERING INFORMATION (Accessories are field installed)			
Description	Order Number	Description	Order Number
Retrofit Panel - SC to CRS, for 16" Deck Panel	430951	Retrofit 2x2 Cover Panel Blank (no holes)	357282
Retrofit Panel - EC / ECTA / SCF to CRS, for 16" Deck Panel	430765	Retrofit RIC Cover Panel Blank (no holes)	354702
Retrofit Panel - SC to CRS, for 12" Deck Panel	430797	Kit - Hole Plugs and Silicone (enough for 25 retrofits) ¹	1320540
Retrofit Panel - ECTA / SCF to CRS, for 12" Deck Panel	430759		
Retrofit 2x2 Cover Panel (w/ centered hole pattern for CRS)	430966		

¹ Consists of (25) 7/8" hole plugs and (1) 10.3 oz tube of RTV

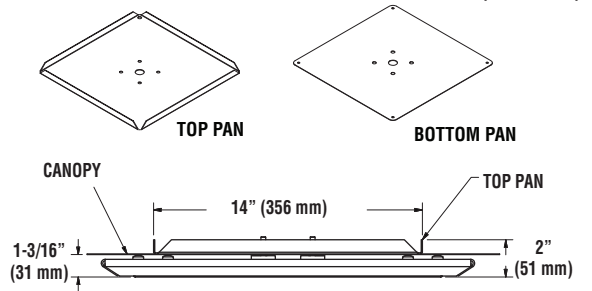
DIMENSIONS



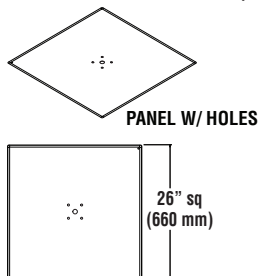
16" DECK RETROFIT PANEL - SC (#430951)



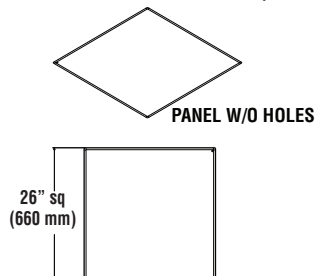
16" DECK RETROFIT PANELS - EC/ECTA/SCF (#430765)



2X2 COVER PANEL W/ HOLES (430966)



2X2 COVER PANEL BLANK (357282)



RIC COVER PANEL (354702)

