

**LED AMBIENT CANOPY LIGHT - DOUBLE DECK INSTALLATIONS (CRRS)**



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** - This fixture is designed for installation on metal, double deck canopies in retrofit or new construction. Installs in a 12" or 16" deck pan. A 10.7" square canopy collar mounts through 11" square opening in canopy deck and attaches by simple screws to a unique clamp bracket system, providing solid support. Mounting bracket mounted on the back of the optical unit provides flange to attach optics to deck.

**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](mailto:petroleum.apps@lsi-industries.com)

**LIGHT OUTPUT - CRRS**

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



Suitable for wet locations

**IP67**

**RoHS**



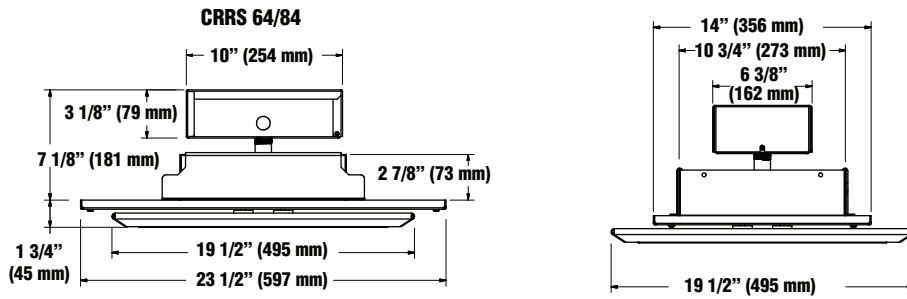
# LED AMBIENT CANOPY LIGHT - DOUBLE DECK INSTALLATIONS (CRRS)

## LUMINAIRE ORDERING INFORMATION

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

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

## DIMENSIONS



## DISTRIBUTION PATTERNS

