

**GENERATION 3 LED AMBIENT RECESSED SUPERKIT® - (CSK3 RECU)**



US patent D574994 & 7828456 and US & Int'l. patents pending

**Crossover SuperKits allow you to replace many existing recessed canopy fixtures without having to know the dimensions of the existing fixture.**

**SMARTTEC™ ENERGY SAVING FEATURES:**

**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 recommended operating temp is reached.

**DAYLIGHT SENSING** - Eliminates day-burners (optional) by sensing daylight levels (not affected by the light coming from the LEDs). Turns fixture off at light levels approximately equal to sunrise and on at sunset.

**OCCUPANCY SENSING** - Small, built-in flush-mounted sensor (optional) detects movement in a 20-foot circle. Unit dims to 30% power when no presence is detected. Smart dim slowly lowers light level over a 15-second period.

LIGHT OUTPUT - CRO3					
	# of LEDs	Distribution / Lumens			Watts
		S	A	ES	
350 mA	64	7087	6872	6272	75
	84	8996	8899	7996	99
	104	11243	10951	10318	123
	128	13599	13237	12416	150
450 mA	64	8616	8304	7440	99
	84	10753	10639	9567	131
	104	13302	12981	12346	162
	128	16031	15687	14722	199
550 mA	64	9767	9435	8386	128
	84	12158	11939	10796	163

**LEDS** - Four LED array choices; 64 and 84 (19.4" square optical unit) and 104 and 128 (21.7" square). Each feature select high-brightness LEDs; 5300°K color temperature, 70 CRI (nominal).

**DRIVE CURRENT OPTIONS** - Choose from three drive current levels; 350 mA (most energy-efficient), 450 mA or 550 mA (best first-cost value).

**OPTICS / DISTRIBUTIONS** - Ultra-high efficiency reflectors provide three distributions to meet your lighting needs. Choose from symmetric, asymmetric (for directing light toward or away from selected areas), or enhanced symmetric (for increased brightness and attraction from the road). Luminaire is rated full cutoff.

**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** - Teflon® 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.

**DRIVER** - Proprietary, state-of-the-art SmartTec™ driver technology provides unsurpassed system efficiency, control and protection. Components are fully encased in potting for **IP67** moisture resistance. Complies with IEC and FCC standards.

**ADAPTOR PANEL** - Die-formed steel with powder coat finish.

**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** - Tether holds pre-assembled optical unit and mounting panel during wiring for one-man installation. Driver is pre-mounted to the back of the CSK assembly.

**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 on request. Contact LSI Petroleum Lighting or petroleum.apps@lsi-industries.com



**IP67**

**RoHS**



Suitable for wet locations

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## LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **CSK3 RECU S LED 128 450 CW UE WHT IMS**

Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Finish	Options*
CSK3 RECU	S-Symmetric	LED	64	350 - 350mA	CW - Cool White	UE - Universal Voltage (120-277V AC)	WHT - White	IPC - Integral Photocell IMS - Integral Motion Sensor
	A - Asymmetric		84	450 - 450mA				
	ES - Enhanced Symmetric		104	550 - 550mA				
			128	350 - 350mA 450 - 450mA				

\*Consult factory for availability

### DIMENSIONS

