

# GENERATION 3 LED FOCUS CANOPY LIGHT (CR03)



US patents D590100 & D574995 & 7828456 and US & Int'l. patents pending

**LEDS** - Select high-brightness LEDs. 5300°K color temperature, 70 CRI (nominal).

**OPTICS / DISTRIBUTIONS** – Ultra-High efficiency optics provide precise beam placement for optimal retail surface illumination. Each bank of LEDs in a light cartridge is independently adjustable between +/- 45° allowing targeted zone illumination. Regardless of light cartridge position luminaire provides cutoff.

**OPTICAL UNIT** – Featuring a slim 2" profile luminaire. Housing is die-formed aluminum with independently adjustable extruded aluminum light cartridges. Each light cartridge is provided with a gasketed clear tempered glass lens providing a water-resistant seal.

**DRIVER** – State-of-the-art driver technology designed specifically for LSI LED light sources provides unsurpassed system efficiency. Input power is 50 watts. Components are fully encased in potting for moisture resistance. Driver complies with IEC and FCC standards.

**DRIVER HOUSING** – Weather-tight aluminum driver/electrical enclosure is elevated above canopy deck to ensure no water entry and providing "knock-out" entry for primary wiring.

**FINISH** – Standard color is white. Fixture is 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 120-277V 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

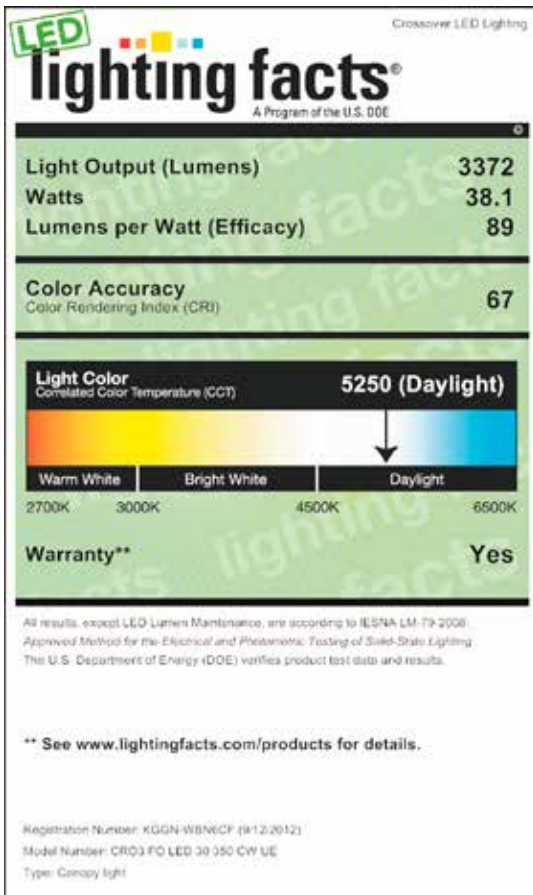
**INSTALLATION** - Installs in a 12" or 16" deck pan. Deck penetration consists of 5 drilled holes simplifying installation and water sealing. Unit is designed to retrofit into existing Scottsdale® (4") hole as well as openings for Encore® and Encore® Top Access and to reconnect wiring from the SC/ECTA 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).

**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 - CR03

| Distribution            | Lumens (Nominal)                        |
|-------------------------|---|
| Type FO                 | 1000 (for each of 3 banks - total 3000) |
| Input Power of 40 watts |   |

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



Suitable for wet locations

IP67



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## LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **CR03 FO LED 30 350 CW UE WHT**

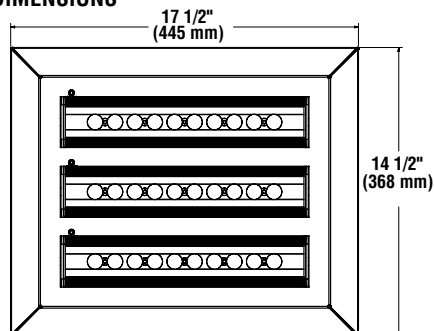
| Prefix | Distribution | Light Source | # of LEDs | Drive Current | Color Temperature             | Input Voltage                        | Finish      |
|--------|--------------|--------------|-----------|---------------|-------------------------------|--------------------------------------|-------------|
| CR03   | FO – Focus   | LED          | 30        | 350 - 350 mA  | CW - Cool White (5000° K nom) | UE - Universal Voltage (120-277V AC) | WHT - White |

## ACCESSORY ORDERING INFORMATION (Accessories are field installed)

| Description  | Order Number | Description   | Order Number |
|--|--------------|---|--------------|
| Retrofit Panel - SC to CR03, for 16" Deck Panel              | 430951       | Retrofit 2x2 Cover Panel Blank (no holes)                                 | 357282       |
| Retrofit Panel - EC / ECTA / SCF to CR03, for 16" Deck Panel | 430765       | Retrofit RIC Cover Panel Blank (no holes)                                 | 354702       |
| Retrofit Panel - SC to CR03, for 12" Deck Panel              | 430797       | Kit - Hole Plugs and Silicone (enough for 25 retrofits) <sup>1</sup>      | 1320540      |
| Retrofit Panel - ECTA / SCF to CR03, for 12" Deck Panel      | 430759       | <sup>1</sup> Consists of (25) 7/8" hole plugs and (1) 10.3 oz tube of RTV |              |
| Retrofit 2x2 Cover Panel (w/ centered hole pattern for CR03) | 430966       |   |              |

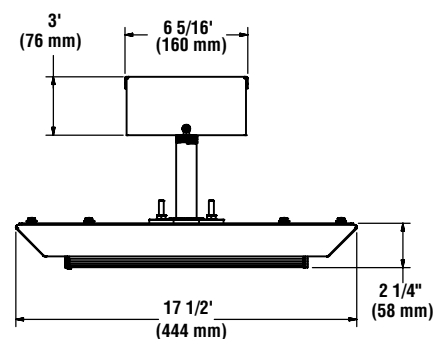
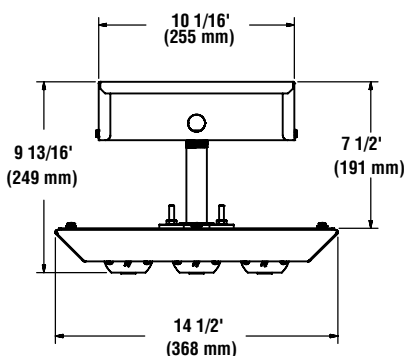
Superkits® are available to retrofit CR03 Ambient and Focus fixtures into a wide variety of existing 2x2 and recessed housings. See separate spec sheets.

## DIMENSIONS

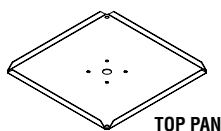


### SHIPPING WEIGHTS

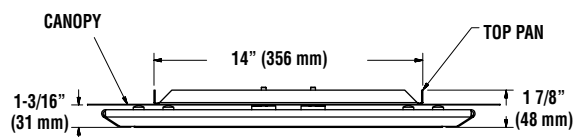
|           |            |
|-----------|------------|
| 12.2 lbs. | 1 fixture  |
| 53.3 lbs. | 4 fixtures |



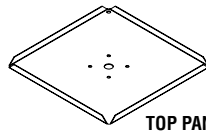
## 16" DECK RETROFIT PANEL - SC (#430951)



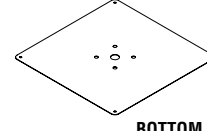
TOP PAN



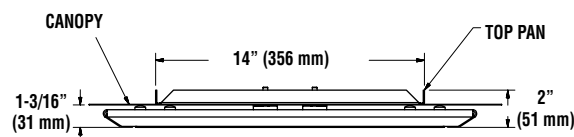
## 16" DECK RETROFIT PANELS - EC/ECTA/SCF (#430765)



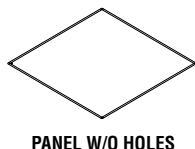
TOP PAN



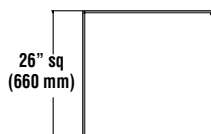
BOTTOM PAN



## 2X2 COVER PANEL BLANK (357282)



PANEL W/O HOLES



## RIC COVER PANEL (354702)

