

GENERATION 3 LED FOCUS CANOPY LIGHT (CRO3)



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

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

DRIVE CURRENT - Choice of Super Saver (SS) or High Output (HO).

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, UL 8750 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

Crossover LED Lighting

Lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	3372
Watts	38.1
Lumens per Watt (Efficacy)	89

Color Accuracy Color Rendering Index (CRI)	67
-----------------------------------------------	----

Light Color
Correlated Color Temperature (CCT)

5250 (Daylight)

Warm White Bright White Daylight

2700K 3000K 4500K 6500K

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-WBN6CF (9/12/2012)
Model Number: CRO3 FO LED 30 350 CW UE
Type: Canopy light

LIGHT OUTPUT - CRO3 - FO

	Lumens	Watts	LPW
SS - Super Saver	2,674	36	74
HO - High Output	5,281	55	96

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



IP67



Project Name _____ Fixture Type _____

Catalog # _____

04/29/16

© 2016

LSI INDUSTRIES INC.

GENERATION 3 LED FOCUS CANOPY LIGHT (CRO3)

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **CRO3 FO LED 30 HO CW UE WHT**

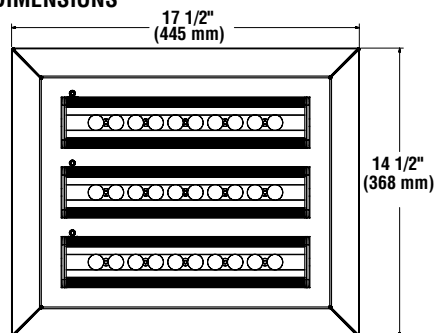
Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Finish
CRO3	FO – Focus	LED	30	SS - Super Saver HO - High Output	CW - Cool White (5000° K nom)	UE - Universal Voltage (120-277V AC)	WHT - White

ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Description	Order Number	Description	Order Number
Retrofit Panel - SC to CRO3, for 16" Deck Panel	430951	Retrofit 2x2 Cover Panel Blank (no holes)	357282
Retrofit Panel - EC / ECTA / SCF to CRO3, for 16" Deck Panel	430765	Retrofit RIC Cover Panel Blank (no holes)	354702
Retrofit Panel - SC to CRO3, for 12" Deck Panel	430797	Kit - Hole Plugs and Silicone (enough for 25 retrofits) ¹	1320540
Retrofit Panel - ECTA / SCF to CRO3, for 12" Deck Panel	430759	¹ Consists of (25) 7/8" hole plugs and (1) 10.3 oz tube of RTV	
Retrofit 2x2 Cover Panel (w/ centered hole pattern for CRO3)	430966		

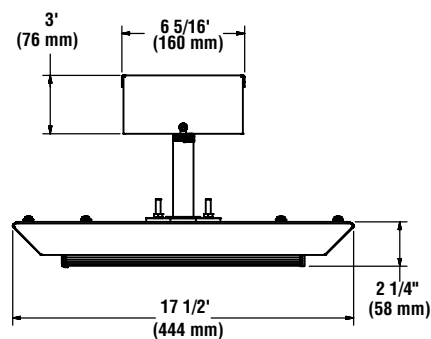
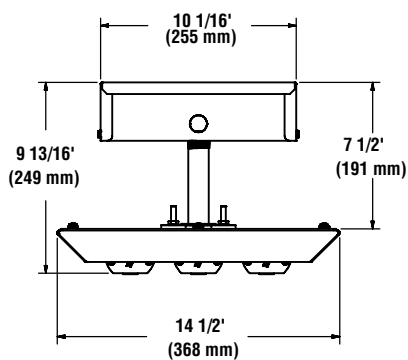
Superkits® are available to retrofit CRO3 Ambient and Focus fixtures into a wide variety of existing 2x2 and recessed housings. See separate spec sheets.

DIMENSIONS

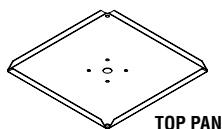


SHIPPING WEIGHTS

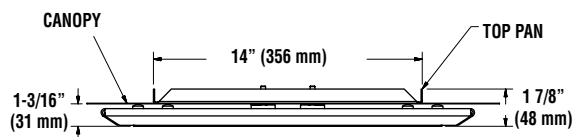
12.2 lbs.	1 fixture
53.3 lbs.	4 fixtures



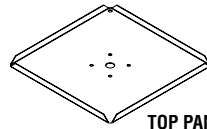
16" DECK RETROFIT PANEL - SC (#430951)



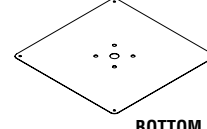
TOP PAN



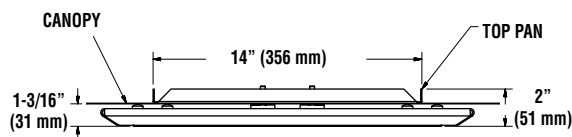
16" DECK RETROFIT PANELS - EC/ECTA/SCF (#430765)



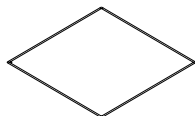
TOP PAN



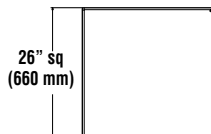
BOTTOM PAN



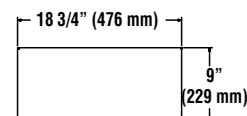
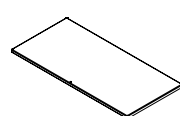
2X2 COVER PANEL BLANK (357282)



PANEL W/O HOLES



RIC COVER PANEL (354702)



Project Name _____ Fixture Type _____

Catalog # _____

© 2016
LSI INDUSTRIES INC.