LED CANOPY LIGHT - LEGACY™ (CRU)

Crossover® LED LIGHTING TECHNOLOGY

Crossover LED Lighting

LED lighting facts®
A Program of the U.S. DOE

Light Output (Lumens)	16997
Watts	148.9
Lumens per Watt (Efficacy)	114
Color Accuracy Color Rendering Index (CRI)	74
Light Color Correlated Color Temperature (CCT)	5037 (Daylight)
Warranty**	Yes

Warm White | Bright White | Daylight
2700K 3000K 4500K 6500K

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-NZWHD8 (6/12/2013)
Model Number: CRU SC LED HO CW UE
Type: Canopy light

Class 1, Division 2 – Standard on HO, SS, MW & LW only

T5 Temperature Classification – The surface temperature of this product will not rise above 100˚C., within a 40˚C ambient.

Gas Groups A,B,C, and D – Group A: Acetylene / Group B: Hydrogen / Group C: Propane and Ethylene / Group D: Benzene, Butane, Methane & Propane.

US & Int'l. patents pending.

SMARTTEC™ ENERGY SAVING FEATURES

THERMAL CONTROL - LSI drivers feature integral sensor which reduces drive current, when ambient temperatures exceeds rated temperature.

HOUSING - Low profile, durable die-cast, aluminum construction, providing a reliable weather-tight seal.

LEDS - Features an array of select, mid-power, high brightness, high efficiency LED chips; 5300°K color temperature, 70 CRI (nominal).

DRIVE CURRENT - Choice of Low Wattage (LW), Mid Wattage (MW), Super Saver (SS), High Output (HO), or Very High Output (VHO).

OPTICS / DISTRIBUTION - Symmetrical, which directs light through a clear tempered glass lens, to provide a uniform distribution of light to vertical and horizontal surfaces.

OPTICAL UNIT - Features an ultra-slim 3/4" profile die cast housing, with a flat glass lens. Unit is water-resistant, sealed to an IP67 rating. Integral designed heat sink does not trap dirt and grime, ensuring cool running performance over the life of the fixture.

PRESSURE STABILIZING VENT - Luminaire assembly incorporates a pressure stabilizing vent breather to prevent seal fatigue and failure.

HAZARDOUS LOCATION - Designed for lighter than air fuel applications. Product is suitable for Class 1 Division 2 only when properly installed per LSI installation instructions.

DRIVER - State-of-the-art driver technology superior energy-efficiency and optimum light output. LSI driver components are fully encased in potting for IP65 moisture resistance. Complies with IEC and FCC standards. Surge protected at 10KV.

DRIVER HOUSING - Die cast aluminum, wet location rated driver/electrical enclosure is elevated above canopy deck to prevent water entry, provide easy "knock-out" connection of primary wiring and contributes to attaining the lowest operating temperatures available. Seals to optical housing via one-piece molded silicone gasket.

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

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

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

INSTALLATION - One person installation. No additional sealant required. Installs in a 12" or 16" deck pan. Deck penetration consists of a 4" hole, simplifying installation and water sealing. Unit is designed to quickly retrofit into existing Scottsdale (4") hole as well as openings for Encore and Encore Top Access and to reconnect wiring for the SC/ECTA without having to relocate the conduit. Retro panels are available for existing Encores (see back page) as well as kits for recessed and 2x2 installations (see separate spec sheets). Support brackets are provided standard, to prevent sagging of deck.

SHIPPING WEIGHT - 25 pounds (single pack), 50 pounds (double pack).

EXPECTED LIFE - Minimum 60,000 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 - UL and ETL listed to UL 1598, UL 8750 and other U.S. and International safety standards. Suitable for wet locations.

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

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

American Innovation — American Made · RoHS COMPLIANT · Intertek wet location · DLC LISTED · IP67 · CE · cULus LISTED wet location · ida INTERNATIONAL DARK-SKY ASSOCIATION APPROVED

LSI Industries™ American Innovation Through Technology

Project Name BublsDepot Fixture Type

Catalog #

09/16/13

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LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **CRU SC LED SS CW UE WHT**

Prefix	Distribution	Light Source	Drive Current	Color Temperature	Input Voltage	Finish	Options
CRU	SC - Standard Symmetric	LED	LW - Low Watt MW - Mid Wattage SS - Super Saver HO - High Output VHO - Very High Output	CW - Cool White	UE - Universal Voltage (120-277V) 347-347V[1]	WHT - White BRZ - Bronze BLK - Black	2L - Bi-Level Switching[2]

FOOTNOTES:
1- 347V only available in HO drive current.
2- Bi-Level available on "HO" drive current only.

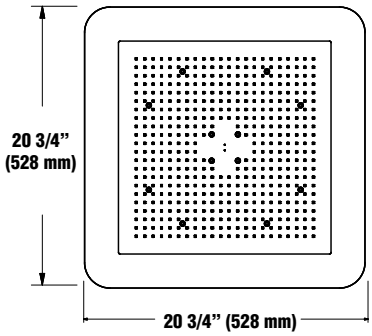
ACCESSORY ORDERING INFORMATION (Accessories are field installed)

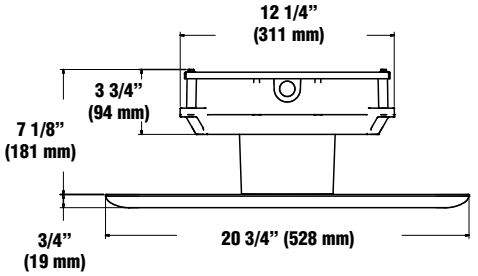
Description	Order Number
Retrofit Panels - EC / ECTA / SCF to CRU, for 16" Deck Panel	525946
Retrofit Panels - ECTA / SCF to CRU, for 12" Deck Panel	530281
Retrofit 2x2 Cover Panel Blank (no holes)	357282
Retrofit RIC Cover Panel Blank (no holes)	354702

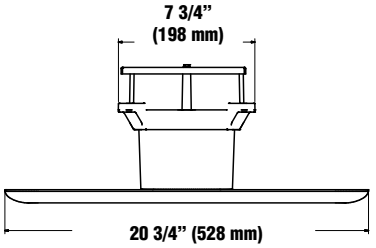
Description	Order Number
Kit - Hole Plugs and Silicone (enough for 25 retrofits)[1]	1320540
CRU FKL - Flange Kit[2]	537530WHT

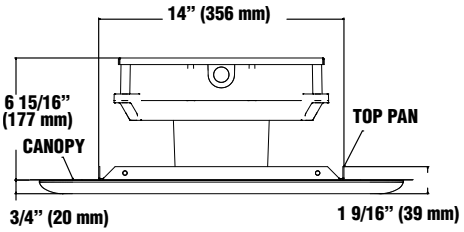
1- Consists of (25) 7/8" hole plugs and (1) 10.3 oz tube of RTV
2- Flange Kit used to mount CRU in double deck applications

DIMENSIONS

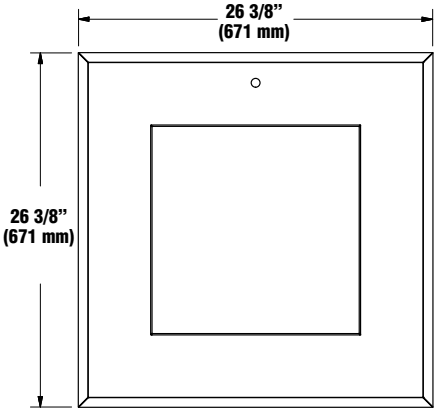


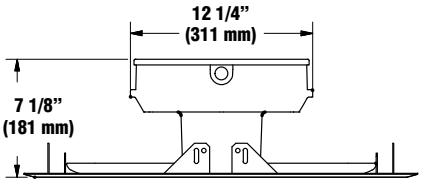






Retrofit Panels Installed





CRU FKL (for double deck applications)

LIGHT OUTPUT - CRU

		Lumens	Watts	LPW
Cool White	LW - Low Watt	8,438	76	111
	MW - Mid Watt	11,656	103	113
	SS - Super Saver	13,638	129	106
	HO - High Output	17,001	149	114
	VHO - Very High Output	20,997	192	109