Catalog # : _____ Project : _____ Type : _____

Prepared By : _____ Date : _____

Scottsdale® Legacy Interior (CIRUS)

LED Interior Ceiling Mounted Luminaire

IP66



OVERVIEW	
Lumen Package (lm)	9000 - 14,000
Wattage Range (W)	73 - 93
Efficacy Range (LPW)	123 - 154
Weight lbs (kg)	16 (7.3)

QUICK LINKS

Ordering Guide | Performance | Photometrics | Dimensions

FEATURES & SPECIFICATIONS

Construction

- Features a ultra-slim 11/16" profile die-cast housing, with flat clear tempered glass lens attached to a 2X2 aluminum panel. Unit is water-resistant, sealed and IP66 rated.
- Standard color is white and is finished with LSI's DuraGrip® polyester powder coat process.
- Luminaire assembly incorporates a pressure stabilizing vent breather to prevent seal fatigue and failure.

Optical System

- Features an array of select, mid-power, high brightness, high efficiency LED; 3000K, 4000K, 5000K color temperature, 80 CRI (nominal).
- Symmetric distribution provides a uniform distribution.
- Two Lumen Packages: 10,000 and 13,000 Lumens.

Electrical

- High performance factory programmable driver features over-voltage, under voltage, short-circuit and over temperature protection with integral 6kV surge protection that meets IEEE C62.41.2 and ANSI C82.77-5 Location Category C Low standards. Additional field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2). Custom lumen and wattage packages available.
- Driver components are fully encased in potting for moisture resistance. Complies with IEC and FCC standards. 0-10 V dimming supplied standard with all drive currents.
- Universal voltage power supply, 120-277 VAC, 50/60 HZ and 347-480 VAC, 50/60 HZ input.
- -40°C to 55°C (-40°F to 131°F) ambient operating temperature. (Varies based on lumen package and mounting style see performance data for specifics.)
- Minimum 60,000 to 100,000 hours depending upon the ambient temperature of the installation location (see performance data for specifics.)

Installation

- One-person installation.
- Pre-assembled unit installs in interior T-bar grid ceiling applications via a 2X2 mounting plate (included). Mounting plate includes earthquake clips to secure luminaire in grid ceiling. Accessory flange kit available for installation in drywall or plaster. Requires 12" minimum clearance.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings

- UL and ETL listed to UL 1598, UL 8750 and other U.S. and International safety standards. Suitable for wet locations.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- Buy American Act (BAA) and Build America, Buy America (BABAA) Compliant Fixture.
  - Compliance dependent on SKU and configuration. Confirm with factory.

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ORDERING GUIDE

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TYPICAL ORDER EXAMPLE: CIRUS SC LED SS 50 120 2X2 WHT

Prefix	Distribution	Light Source	Drive Current	Color Temperature	Line Voltage	Mounting	Finish	Options
CIRUS - Crossover Interior Retail Ceiling	**SC** - Standard Symmetric	**LED**	**LW** - Low Watt **SS** - Super Saver	**50** - 5000K **40** - 4000K **30** - 3000K	**120** - 120V **208** - 208V **240** - 240V **277** - 277V **347** - 347V	**2X2** - 2x2 T-bar Grid Ceiling	**WHT** - White	**DIM** - 0-10v Dimming **DFL** - Diffused Lens

Need more information?
Click here for our glossary

Have additional questions?
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ACCESSORY ORDERING INFORMATION

Part Number	Order Number	Description
M20027	FK22 FLNG KIT ASY 2x2 WHT*	2X2 Flange White

* FK22 is used for mounting to sheetrock or drywall ceilings. It requires attaching via framing members or suspending from structure.

PERFORMANCE

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Delivered Lumens

Lumen Package	Distribution	3000K		4000K		5000K		Wattage
		Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	
SS	SC	13113	141	13449	144	13980	150	93
LW	SC	10457	144	10724	148	11148	154	73

*LEDs are frequently updated therefore values are nominal.

Electrical Data - Current Draw AMPS

Lumen Package	Wattage	120V	208V	240V	277V	347V	480V
SS	92	0.77	0.44	0.38	0.33	0.27	0.19
LW	72	0.6	0.35	0.3	0.26	0.21	0.15

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

Operating Temperature

Lumen Package	Mounting	Max
SS	Metal/Wood Canopy	55C

Recommended Lumen Maintenance[1]

Ambient Temperature	Initial[2]	25K hrs.[2]	50K hrs.[2]	75K hrs.[3]	100K hrs.[3]
0C	102%	97%	92%	88%	84%
10C	102%	97%	92%	88%	84%
20C	102%	97%	92%	88%	84%
25C	102%	97%	92%	88%	84%
30C	102%	97%	92%	88%	84%
40C	102%	97%	92%	88%	84%
50C	101%	95%	91%	86%	82%

1 Lumen maintenance values at 25 ° C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
2 In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED).
3 In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED).

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PHOTOMETRICS

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Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

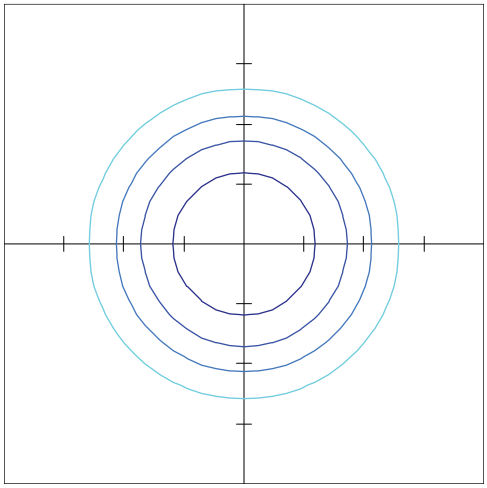
See the individual product page on https://www.lsicorp.com/ for detailed photometric data.

CIRUS-SC-SS-50

Luminaire Data	
Type 5 Distribution	
Description	5000 Kelvin, 80 CRI
Delivered Lumens	13,980
Watts	93
Efficacy	150
IES Type	Type VS - Very Short
BUG Rating	B3-U0-G1

Zonal Lumen Summary		
Zone	**Lumens**	**% Luminaire**
Low (0-30°)	3654.2	26%
Medium (30-60°)	7541.2	54%
High (60-80°)	2641.4	19%
Very High (80-90°)	143.2	1%
Uplight (90-180°)	0	0%
Total Flux	13980	100%

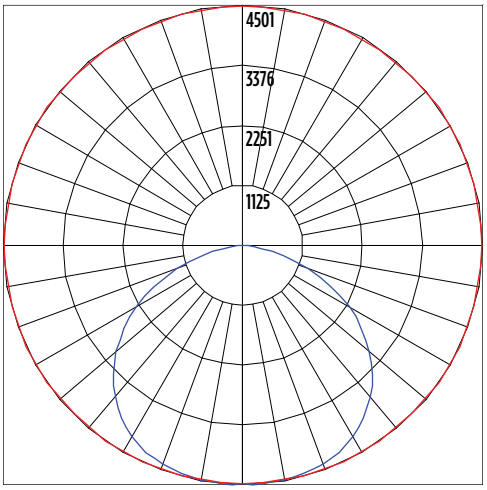
ISO Footcandle



10' Mounting Height / 10' Grid Spacing

5 FC 2 FC 1 FC 0.5 FC

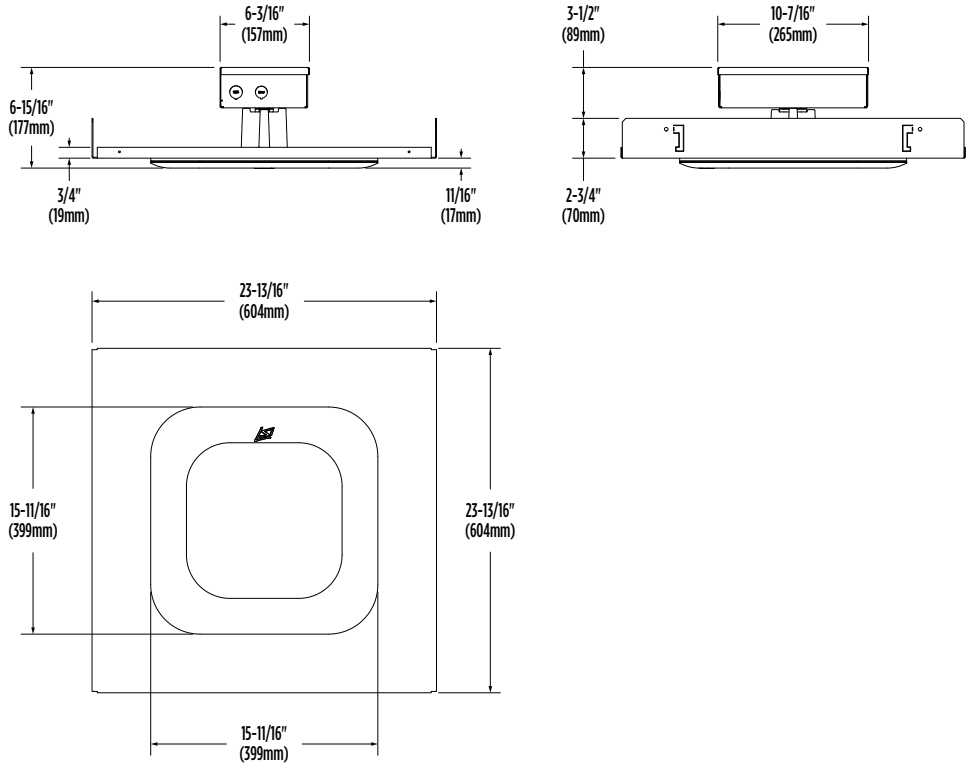
Polar Curve



Vertical Plane Horizontal Cone

PRODUCT DIMENSIONS

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