



Catalog #: _____ Project: _____

Prepared By: _____ Date: _____ Type: _____

Scottsdale® Legacy Interior (CIRUS)

LED Interior Ceiling Mounted Luminaire

**IP66**

OVERVIEW

Lumen Package	9000 - 14,000
Wattage Range	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 LED fixtures carry a 5-year warranty (contact your LSI representative for extended warranty options.)

Listings

- UL and ETL listed to UL 1598, UL 8750 and other U.S. and International safety standards. Suitable for wet locations.
- Meets Buy American Act requirements.
- 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.





Scottsdale® Legacy LED Interior Luminaire (CIRUS)

ORDERING GUIDE

[Back to Quick Links](#)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

Accessory Ordering Information (Accessories are field installed)

Description	Order Number	Part Number
2x2 Flange Kit White	FK22 FLNG KIT ASY 2x2 WHT ¹	M20027

Footnotes:

1. 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 CCT			4000K CCT			5000K CCT			Wattage
		Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
SS	SC	13113	141	B3-U0-G1	13449	144	B3-U0-G1	13980	150	B3-U0-G1	93
LW	SC	10457	144	B3-U0-G1	10724	148	B3-U0-G1	11148	154	B3-U0-G1	73

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA (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	55 C

Recommended Lumen Maintenance ¹ CIRUS SS					
Ambient Temp C	Initial ²	25k hr ²	50k hr ²	75k hr ³	100k hr ³
0 C	102%	97%	92%	88%	84%
10 C	102%	97%	92%	88%	84%
20 C	102%	97%	92%	88%	84%
25 C	102%	97%	92%	88%	84%
30 C	102%	97%	92%	88%	84%
40 C	102%	97%	92%	88%	84%
50 C	101%	95%	91%	86%	82%

FOOTNOTES:

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-21-1.1, 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-21-1.1, 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 an 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 <http://www.lsi-industries.com/products/led-lighting-solutions.aspx> for detailed photometric data.

CIRUS-SC-SS-50

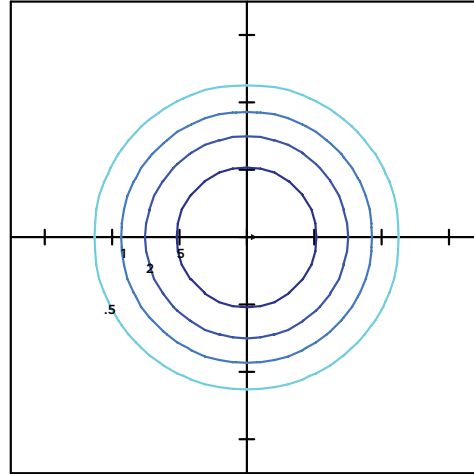
LUMINAIRE DATA

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

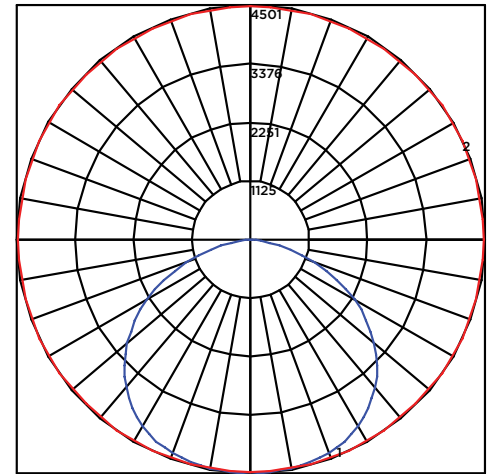
Zonal Lumen Summary

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



POLAR CURVE



15' Mounting Height/15' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ .5 FC

PRODUCT DIMENSIONS

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