

SCRT-320 Technical Specifications



SCRT-320 Petroleum Canopy LED Retrofit Kit – LSI Scottsdale* Retrofit

General Product Description

The Jarvis SCRT-320 canopy retrofit kit is the best solution for retrofitting existing Scottsdale* metal halide canopy lights. This retrofit kit is the only retrofit that replaces the existing fixture's entire optical unit while maintaining the existing fixture's mechanicals. Most retrofit kits leave the existing, corroded glass in place which blocks light and reduces performance. The SCRT-320 features a sealed optical unit, allowing the LEDs to project their full brightness for a great performing installation.

Retrofit System

The SCRT-320 is designed to retrofit into existing LSI Industries, Inc. Scottsdale* light fixtures. The kit consists of an LED optical unit, a power supply with mounting cover, and some wiring accessories. The LED optical unit is sized similar to the existing fixture's glass lens. The power supply cover is sized to fit over the existing ballast compartment. During the retrofit process, the existing fixture is left in place. From above the existing Scottsdale*, the existing ballast is removed, two wires are dropped down through the fixture body, and the new power supply with cover is snapped in place. From below the existing fixture, the lens frame is swung down, the old glass, lamp, reflector and socket are removed, the new LED unit is set in place and wires are connected. The lens frame (now holding the new LED optical unit) is snapped back into position and installation is complete.

Contact a Jarvis Representative for full installation instructions, videos or additional information.



Most Popular Models and Specifications:

Model	LEDs	INPUT	POWER	LUMENS	CCT	CRI	PF
SCRT-320	4	120-277V 50/60Hz	107W	14,680 lm	5000K	≥ 72	≥ 0.9



*Scottsdale is a registered trademark of LSI Industries, Inc.

Electrical

Input Voltage: 120-277V.

Power Factor: >.9 at full load.

Total Harmonic Distortion: <20% full load.

Includes over voltage protection, over current protection, and short circuit protection.

Operating Temperature Range: -40°C to 40° C Ambient (-40°F to 104°F).

Over Temperature Protection: Power supply automatically reduces power level when operating in higher temperatures to ensure componentry does not overheat. Full power levels are resumed automatically when temperatures return to rated operating range.

Construction and Materials

Retrofit kit LED optical unit and driver cover are manufactured from 5052 alloy aluminum.

Optical unit features a powdercoat finish with UV protection to ensure longevity of color. Powdercoat finish is applied directly to aluminum housing and will not crack or peel. Standard color is white. Bronze and other colors are available. Contact factory for additional color information.

Rear of optical unit features an electrochemically applied thermal coating to enhance heat transfer, ensuring cool operation of LEDs for optimal efficiency and lifetime.

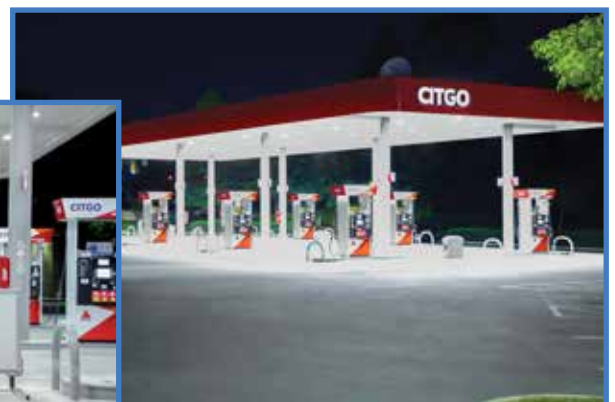
Optical unit is constructed with a reflective-coated internal reflector.

Lens is constructed from high-clarity prismatic tempered glass.

Optical unit is sealed and features a hydrophobic vent to equalize pressure and reduce gasket fatigue due to thermal cycling.

Fasteners are stainless-steel and will not rust or create rust-streaks.

Luminaire is manufactured in the US of US and Imported Parts.





Regulatory and Voluntary Qualifications

ETL Classified to UL1598C and UL8750 for both US and Canada.

American Recovery and Reinvestment Act Funding Compliant.

State of California Title 24 Compliant when installed in accordance with local 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.

Rated for Wet and Dry Locations.

Warranty and Lifetime

SCRT-320 carries a 10-year warranty. Contact Jarvis representative for details.

Projected LED lifetime exceeds 75,000-100,000 hours under most operating conditions. Lifetime projections are calculated using data including LM-79, LM-80 and TM-21 calculations. Contact Jarvis representative for details.

Photometrics

Photometric information, including LM-79 reports and .IES files are available for most models at www.jarvislighting.com. Site photometrics and lighting layouts are available. Contact a Jarvis representative.



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