

# FEATURES

## OPTICAL SYSTEM

- Self-flanged, matte-diffuse high-impact polymer finishing trim with a durable, proprietary vapor deposition finish.
- Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of the reflector to bottom.
- One piece trim eliminates mitered flange corners and inside corner gaps.
- Upper reflector is painted a highly reflective matte white providing diffuse, even light with high efficiency.
- Proprietary Gotham diffuse lens available.

## MECHANICAL SYSTEM

- 16-gauge painted steel mounting/plaster frame accommodates up to 1-1/2" thick ceiling materials.
- Patent pending adjustable aperture allows 1/4" adjustments in all directions and up to 5° of rotation allowing post-installation adjustments to ensure trim to trim alignment.
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustments are shipped pre-installed. Post installation adjustment possible without the use of tools from above or below ceiling.
- Secondary housing adjustment system for precise, final ceiling to flange alignment.
- Galvanized steel junction box with hinged access covers and spring latch. Three combination 1/2"-3/4" and one 1/2" knockout for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors rated for 90°C.

## ELECTRICAL SYSTEM

- Medium-base porcelain socket with nickel-plated screw shell.
- Thermally-activated insulation detector.

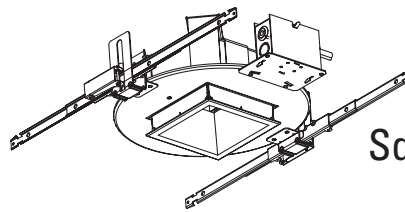
## LISTING

- Fixtures are UL Listed for thru-branch wiring, Non-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian Standards.

Type

Catalog number

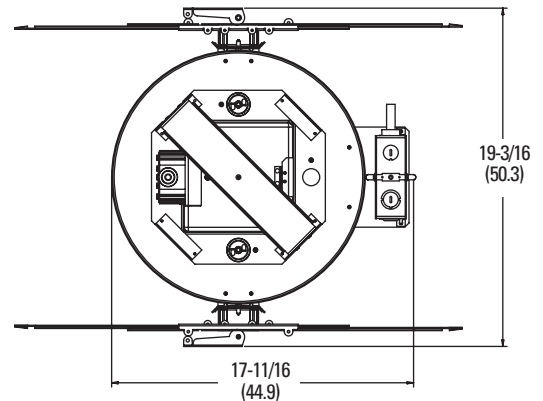
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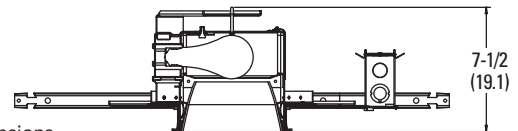
**Incandescent Downlights**

**6" SQAZ**

**Square Open Reflector**  
 A19 or BT15 Lamp



Aperture: 6 (15.2)  
 Ceiling Opening: 6-5/8 (16.8)  
 Overlap Trim: 7-3/16 (18.3)



All dimensions  
 are inches  
 (centimeters)

# ORDERING INFORMATION

Example: **SQAZ 6AR CSL**

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line.

SQAZ		Aperture/Trim color		Finish	Lens type	Options
<b>Series<sup>1</sup></b>	<b>SQAZ</b>	<b>6AR</b> Clear	<b>6DSR</b> Stepped	<b>LD</b> Matte-diffuse	(blank) No lens <b>CSL</b> Concentric square lens	<b>SDT<sup>2</sup></b> Stepdown transformer (277V to 120V) <b>SDT347<sup>2</sup></b> Stepdown transformer (347V to 120V; 75W Max.) <b>SF<sup>2</sup></b> Single fuse <b>LRC<sup>3</sup></b> Provides compatibility with Lithonia Reloc® System. Lithonia Reloc System can be installed less this option with connectors provided by others. Access above ceiling required <b>CP</b> Chicago Plenum

## NOTES

- 1 Maximum wattage: 150W A21.
- 2 Single fuse standard when SDT or SDT347 options are ordered.
- 3 For compatible Reloc systems, refer to Technical Bulletins tab.



**GOTHAM ARCHITECTURAL DOWNLIGHTING**  
 1400 Lester Road Conyers Georgia 30012  
 P 800 315 4982 F 770 860 3129  
 www.gothamlighting.com

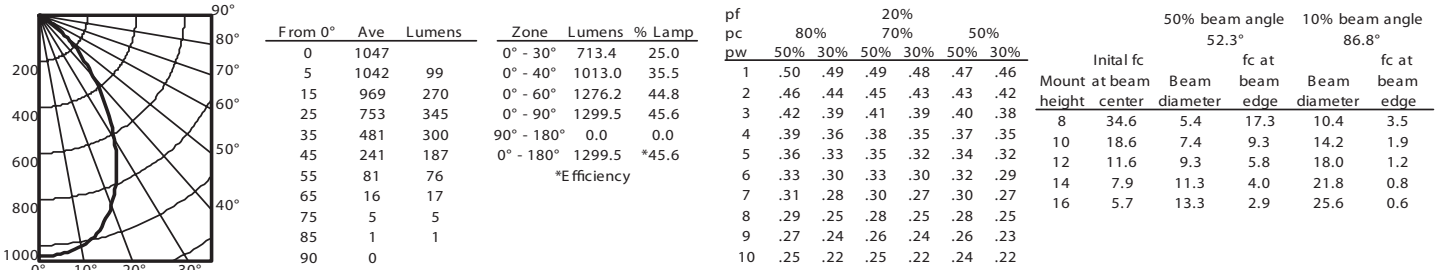
**SQAZ 6**

**DINC-296**

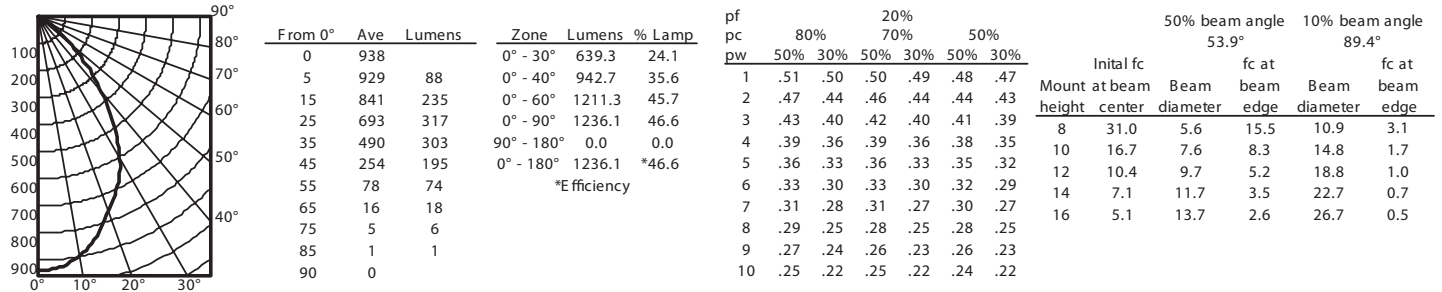
# 6" SQAZ Square Open Reflector

**Distribution curve    Distribution data    Output data    Coefficient of utilization    Illuminance Data at 30" Above Floor for a Single Luminaire**

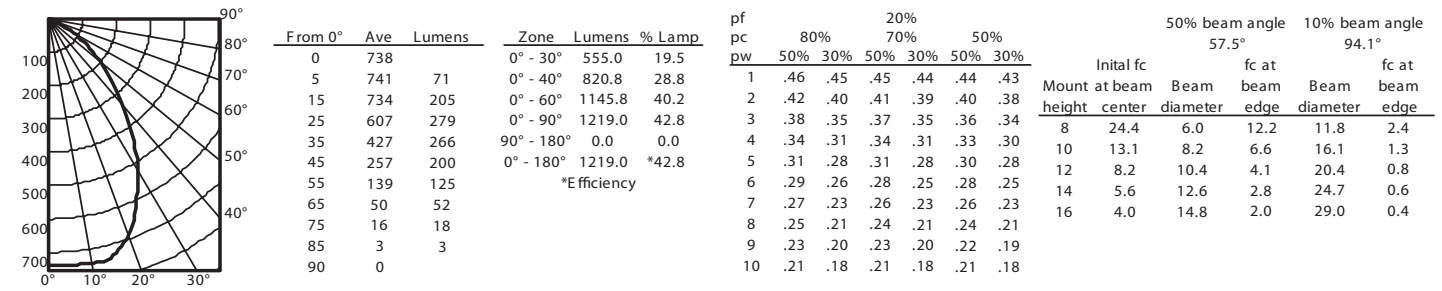
## SQAZ 150W 6AR, (1) 150W A21 lamp, 1.0 s/mh, 2850 rated lumens, Test No. LTL16301



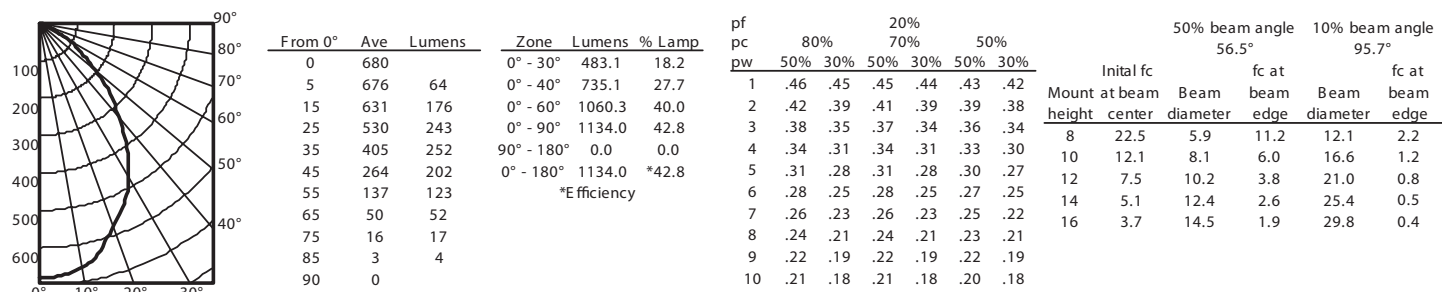
## SQAZ 150W 6AR, (1) 150W BT15 lamp, 1.0 s/mh, 2650 rated lumens, Test No. LTL16303



## SQAZ 150W 6DSR, (1) 150W A21 lamp, 1.1 s/mh, 2850 rated lumens, Test No. LTL16302



## SQAZ 150W 6DSR, (1) 150W BT15 lamp, 1.1 s/mh, 2650 rated lumens, Test No. LTL16304



NOTES:  
 1. For electrical characteristics consult Technical Bulletins tab.  
 2. Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications are based on the most current available data and are subject to change without notice.