

# FEATURES

## OPTICAL SYSTEM

- Self-flanged, semi-specular or matte-diffuse lower reflector in combination with highly reflective/diffuse upper reflector provides unparalleled performance and efficiency. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides source before source image and smooth transition from top of the reflector to bottom.

## MECHANICAL SYSTEM

- Housing accommodates a maximum 1-1/2" ceiling thickness.
- Light engine and driver are accessible from above or below ceiling and can be upgraded to accommodate future technology improvements.
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed. Post installation adjustment possible without the use of tools from above or below ceiling.
- 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 (4in, 4out) No. 12 AWG conductors rated for 90°C.
- Secondary housing adjustment system for precise, final ceiling to flange alignment.

## ELECTRICAL SYSTEM

- Solid state LED light engine available in 3500° or 4100°K color temperatures.
- Class P, thermally protected solid state driver.
- Rated system life of 50,000 hours at 70% output.
- Thermally activated insulation detector.
- Emergency battery pack and SIMPLY5™ energy management system available.
- Luminaire should be installed in applications where ambient temperatures do not exceed 50°C. Ambient temperatures that exceed 50°C will result in reduced lamp life and will void warranty.

## 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

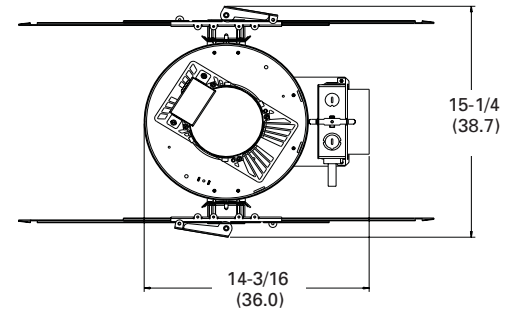
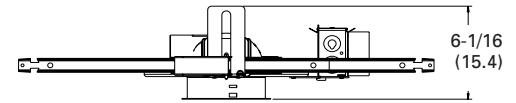
Catalog number



LED Downlights

# 4" ECSR

Ecoss™  
Open Reflector



Aperture: 4-3/8 (11.1)  
Ceiling Opening: 5-1/16 (12.9)  
Overlap Trim: 5-7/16 (13.8)

Minimum of 9" required above fixture for non-accessible ceilings.

All dimensions are inches (centimeters)

# ORDERING INFORMATION

Example: **ECSR 35/10 4AR LD 120**

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog numbers (shipped separately).

## ECSR

Series	Color temperature	Nominal lumen output	Aperture	Trim color	Finish	Voltage	Driver	Options
<b>ECSR</b>	<b>35/</b> 3500°K <b>41/</b> 4100°K	<b>10</b> 1000 lms	<b>4</b>	<b>AR</b> Clear <b>PR</b> Pewter <b>UBR</b> Umber <b>WTR</b> Wheat <b>GR</b> Gold <b>MB</b> <sup>1</sup> Black baffle <b>WR</b> <sup>1</sup> White painted <b>WB</b> <sup>1</sup> White baffle	(blank) Semi-specular <b>LD</b> Matte-diffuse	<b>120</b> <b>277</b> <b>347</b> <sup>2</sup>	(blank) Solid state LED driver <b>S5</b> <sup>3,4</sup> SIMPLY5™ energy management system <b>S5 HW</b> <sup>4</sup> SIMPLY5™ energy management system less Reloc	<b>SF</b> Single fuse <b>EL</b> <sup>5</sup> Emergency battery pack with integral test switch <b>ELR</b> <sup>5</sup> Emergency battery pack with remote test switch <b>TRW</b> White painted flange <b>TRBL</b> Black painted flange <b>LRC</b> <sup>6</sup> Provides compatibility with Lithonia Reloc® System. Access above ceiling required <b>CP</b> Chicago Plenum approved

## NOTES

1. Not available with finishes. TRW standard.
2. Height of fixture increases 3".
3. SIMPLY5™ includes 9" S5 MLC Reloc wiring system (shipped separately). See simply5.net for more information.
4. Available in 120V or 277V only.
5. For dimensional changes, refer to Technical Bulletins tab.
6. For compatible Reloc systems, refer to Technical Bulletins tab.

# 4" ECSR Ecos™ Open Reflector

Distribution Curve

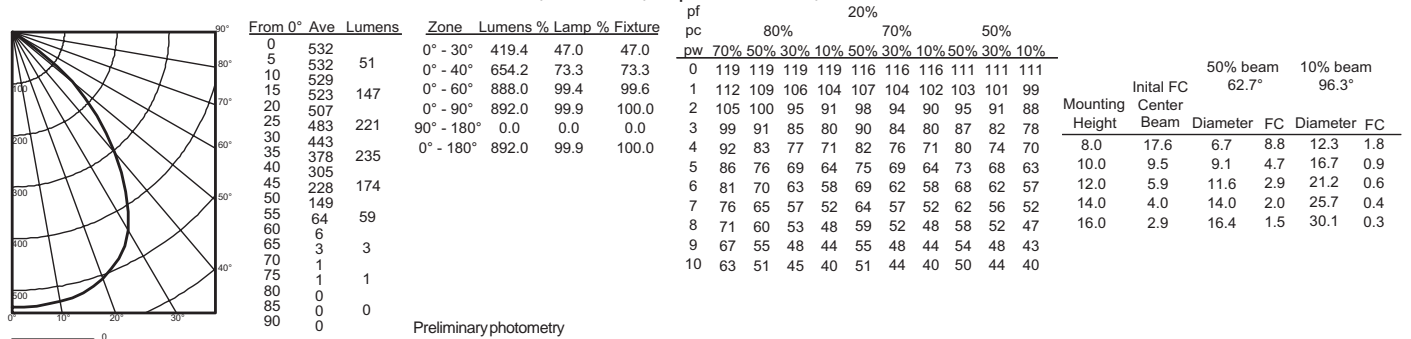
Distribution Data

Output Data

Coefficient of Utilization

Illuminance Data at 30"  
Above Floor for a Single Luminaire

ECSR4 35/10 4AR, 30W LED, 893 delivered lumens, 1.2 s/mh, Input watts: 30, Test no. LTL16994



Photometric performance is measured in accordance with IESNA LM-79.

For expanded options and updated photometric information, please visit [www.gothamlighting.com](http://www.gothamlighting.com) or contact the factory directly.

This product is protected by one or more of the following patents that are licensed from Renaissance Lighting, Inc.: 7,148,470.

Gotham patents pending.

**NOTES:**

1. For electrical characteristics, refer to 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.
3. Consult factory or IES file for microgroove baffle, black cone and other photometric reports.

**DLED-110**

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GOTHAM ARCHITECTURAL DOWNLIGHTING  
1400 Lester Road Conyers Georgia 30012  
P 800 315 4982 F 770 860 3129  
[www.gothamlighting.com](http://www.gothamlighting.com)