

Gotham Architectural Downlighting
 LED Downlights

8" Evo®
 Open Reflector

Solid-State Lighting



FEATURES

OPTICAL SYSTEM

- Self-flanged semi-specular, matte-diffuse or specular lower reflector
- Patented Bounding Ray™ optical design (U.S. Patent No. 5,800,050)
- 45° cutoff to source and source image
- Top-down flash characteristic

MECHANICAL SYSTEM

- 16-gauge galvanized steel construction; maximum 1-1/2" ceiling thickness
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless adjustments post installation
- Junction box capacity: 8 (4 in, 4 out) 12AWG rated for 90°C
- Light engine and driver accessible through aperture

ELECTRICAL SYSTEM

- Fully serviceable and upgradeable lensed LED light engine
- 70% lumen maintenance at 60,000 hours based on IESNA LM-79-2008
- 120-277VAC, 50/60hz power supply with 0-10V dimming (10-100%); rated for 50,000-hour life
- Overload and short circuit protected
- LEDs tested under LM80

LISTINGS

- Fixtures are CSA certified to meet US and Canadian standards; wet location, covered ceiling

WARRANTY

- 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

ORDERING INFORMATION

EXAMPLE: EVO 35/18 8AR 120

EVO	35/29		8AR		120	
Series	Color temperature	Nominal lumen values	Aperture/Trim color	Distribution	Finish	Voltage
EVO	27/ 2700 K	18 1800 lumens	8AR Clear	(blank) 1.0 s/mh	(blank) Semi-specular	120
	30/ 3000 K	22 2200 lumens	8PR Pewter	VND Very narrow (0.43 s/mh)	LD Matte diffuse	277
	35/ 3500 K	29 2900 lumens	8WTR Wheat	ND Narrow (0.52 s/mh)	LS Specular	347
	41/ 4100 K		8GR Gold	MD Medium (0.80 s/mh)		
			8WR¹ White	WD Wide (1.1 s/mh)		

Driver	Options
(blank) ² 0-10V dimming driver. Minimum dimming level 10%	SF Single fuse
ECOS2^{3,4} Lutron® Hi-Lume® 2-wire forward-phase dimming driver. Minimum dimming level 1%	RRL RELOC®-ready luminaire. Provides compatibility with Lithonia RELOC system. Access above ceiling required.
ECOS3^{2,3} Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1%	NEPP⁵ Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01 .
	TRW⁶ White painted flange
	TRBL Black painted flange
	EL⁷ Emergency battery pack with integral test switch
	ELR⁷ Emergency battery pack with remote test switch
	CP⁸ Chicago plenum

ACCESSORIES order as separate catalog numbers (shipped separately)

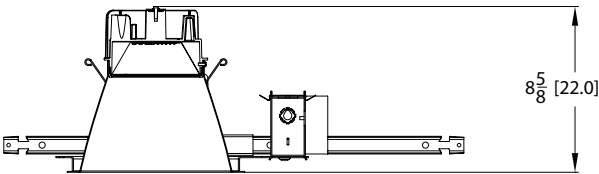
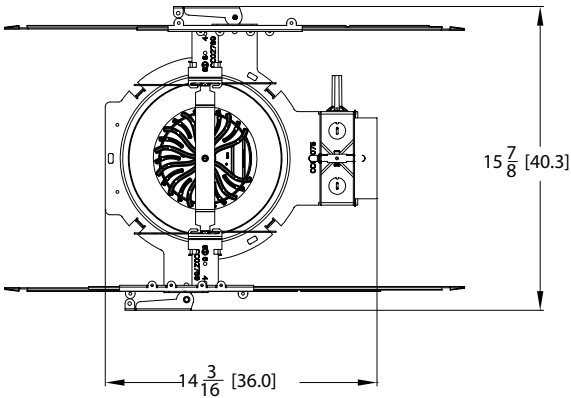
SCA8	Sloped ceiling adapter. Degree of slope must be specified (10D, 15D, 20D, 25D, 30D). Ex: SCA8 10D. Refer to TECH-190 .
CTA4-8 YK	Ceiling thickness adapter (extends mounting frame to accommodate ceiling thickness up to 2").
GVRT	Vandal-resistant trim accessory. Refer to TECH-200 .
ISD BC	0-10V wallbox dimmer. Refer to ISD-BC .

NOTES

ORDERING NOTES	
1. Not available with finishes.	5. Not available with 347V.
2. Refer to TECH-240 for compatible dimmers.	6. Not available with white reflector.
3. Not available with NEPP option.	7. For dimensional changes, refer to TECH-140 . Not available with CP option.
4. 120V only.	8. Not available with EL or ELR options.

DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



Aperture: 7-7/8 (20.1)
Ceiling Opening: 8-7/8 (21.5)
Overlap Trim: 9-1/4 (23.5)

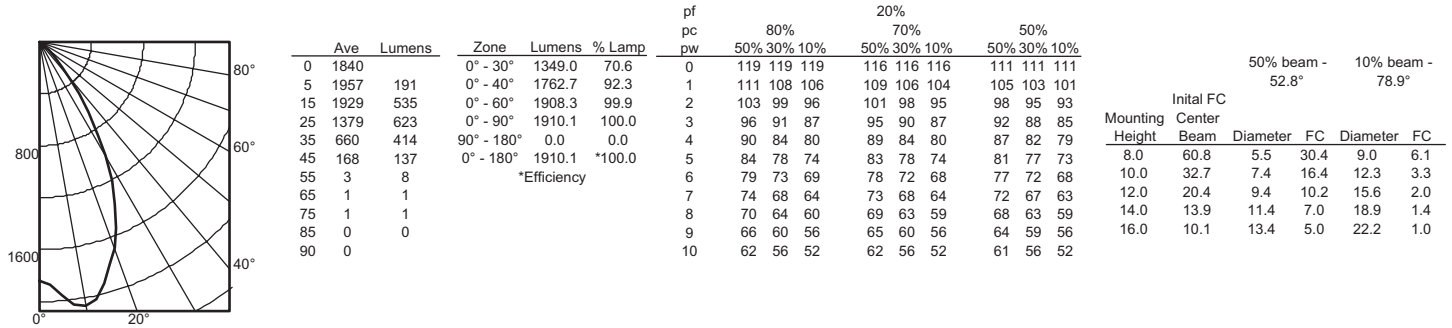
ELECTRICAL

WATTAGE CONSUMPTION MATRIX		
LUMENS	WATTAGE	LUMENS per WATT
2900	49	64
2200	39	63
1800	35	55

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance: Single Luminaire 30" Above Floor
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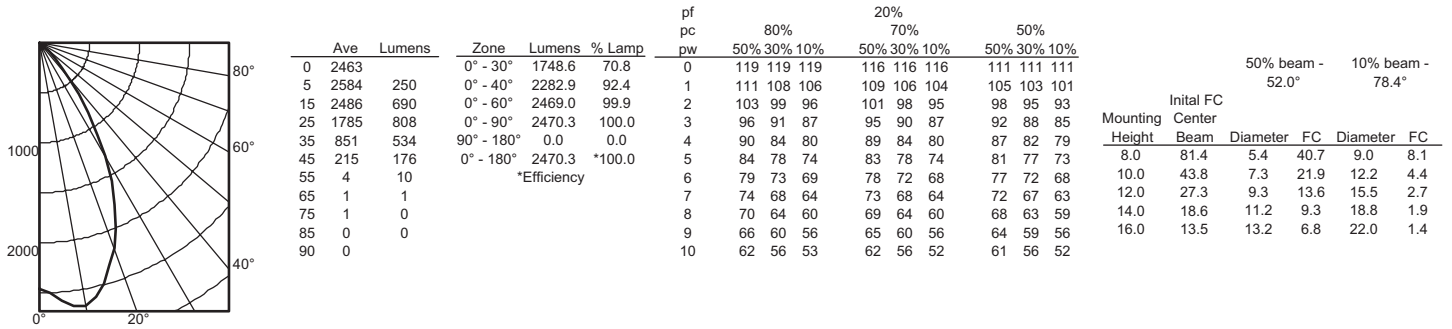
EVO 35/18 8R LS

INPUT WATTS: 34.6, DELIVERED LUMENS: 1910.1, LM/W=55.2, 1.0 S/MH, TEST NO. LTL21102



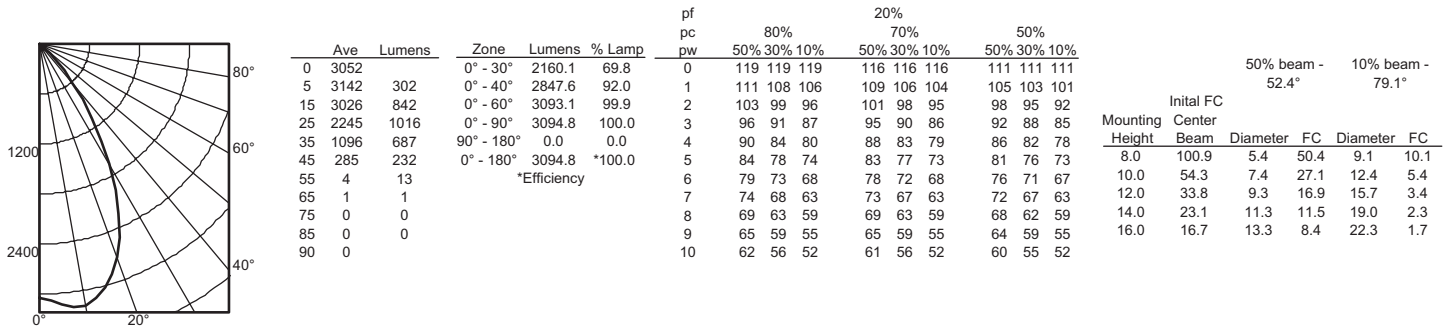
EVO 35/22 8R LS

INPUT WATTS: 39.3, DELIVERED LUMENS: 2470.3, LM/W=62.9, 1.0 S/MH, TEST NO. LTL21112



EVO 35/29 8R LS

INPUT WATTS: 48.6, DELIVERED LUMENS: 3094.8, LM/W=63.7, 1.0 S/MH, TEST NO. LTL21108



PHOTOMETRY NOTES

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- Actual performance may differ as a result of end-user environment and application.
- Actual wattage may differ by +/- 10% when operating between 120-277V +/- 10%.
- CRI: 83 typical.
- Consult factory or IES file for microgroove baffle, black cone or other photometric reports.