

Gotham Architectural Downlighting
Incandescent Cylinders

8" CAL
Lensed Cylinders, Wet Location

A19 or A21 Lamp
6" Aperture

FEATURES

OPTICAL SYSTEM

- Aluminum upper reflector coated with highly reflective white paint provides high efficiency.
- Available with tempered prismatic lens (T73), flat Fresnel lens (FFL) or flat opal lens (FOL).
- Regressed door (RW) or stepped black baffle (SB) are available.
- Door is retained by two self-aligning, torsion support springs.

HOUSING

- Heavy-gauge aluminum housing with top deck for clean appearance. Matte white textured polyester powder paint finish standard.
- Reflector edge sits flush with cylinder wall for clean, one-piece appearance.
- Reveal on standard ceiling and optional pendant mount give floating luminaire appearance.

MOUNTING

- Ceiling mount (standard) offers patented (U.S. Patent No. 4,300,190), quick mount attachment plate for direct installation.
- Wall mount or pendant mount available. Wires supplied by others.

ELECTRICAL SYSTEM

- Medium-base porcelain socket with nickel-plated screw shell.

LISTINGS

- Fixtures are UL Listed for wet locations. Wall mount suitable for wet locations. Ceiling and pendant mount suitable for wet locations in covered ceiling installations only.

WARRANTY

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

ORDERING INFORMATION

EXAMPLE: CAL8 6RW T73 DWHG

Series ¹	Door frame	Shielding	Mounting ³	Options
CAL8	6RW ² Regressed door 6SB Stepped black baffle	T73 Tempered prismatic lens FFL Flat Fresnel lens FOL Flat opal lens	(blank) Ceiling mount WM Wall mount PM ⁴ Pendant 3/8" thread mount	<u>Architectural Colors - Powder Paint</u> ⁵ DWHG Matte white (standard) DDB Dark bronze DBL Black DNA Natural aluminum DWH Gloss white DTG Tennis green DGC Charcoal grey DSS Sandstone

ACCESSORIES order as separate catalog numbers (shipped separately)

CYS ⁶	3/8" stem and canopy with 5° "hang straight" swivel
CRS ⁶	3/8" stem and canopy with 45° swivel

NOTES

ORDERING NOTES

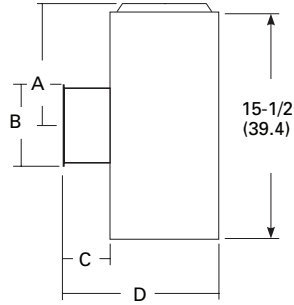
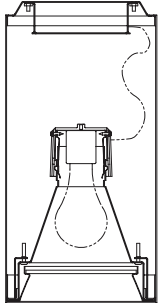
1. Maximum wattage 150W A21 lamp.
2. Matches cylinder housing color.
3. Wires supplied by others.
4. Stem not included.
5. Additional architectural colors available; see www.lithonia.com/archcolors.
6. Color and length of stem must be specified (from 6" to 240" in even increments in maximum sections of 48"). Ex.: CYS06 DWHG. Ceiling attachment for interior use. Consult factory for exterior use. Wire not included.

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All dimensions are inches (centimeters) unless otherwise noted.



Reflector Aperture: 6 (15.2)
Housing Diameter: 7-5/8 (19.4)

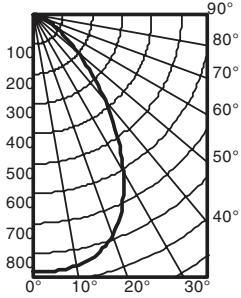
Wall Mount Dimensions

A = 7-3/4 (19.7)
B = 5-5/16 (13.5)
C = 3-1/4 (8.3)
D = 10-7/8 (27.6)

Distribution Curve Distribution Data Output Data Coefficient of Utilization Illuminance: Single Luminaire 30" Above Floor

CAL8 6RW T73

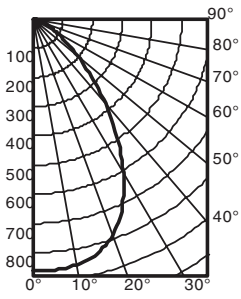
150W A21 LAMP, 2850 RATED LUMENS, 1.1 S/MH, TEST NO. LTL14203



From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	Coefficient of Utilization						50% beam angle			10% beam angle					
							80%	30%	50%	70%	30%	50%	30%	50%	30%	50%	30%	50%	30%	50%	
0	862		0° - 30°	638.7	22.4	pc															
5	863	82	0° - 40°	944.4	33.1	pw	.52	.51	.51	.50	.49	.48	Initial fc								
15	832	233	0° - 60°	1282.3	45.0		.47	.45	.46	.44	.45	.43	Mount at beam								
25	709	323	0° - 90°	1383.1	48.5		.43	.40	.42	.39	.41	.38	height	center	Beam diameter	fc at beam edge	Beam diameter	Beam diameter	fc at beam edge		
35	491	306	90° - 180°	0.0	0.0		.39	.36	.38	.35	.37	.35	8	28.5	6.0	14.2	11.4	2.8			
45	276	215	0° - 180°	1383.1	*48.5		.36	.32	.35	.32	.34	.31	10	15.3	8.2	7.7	15.6	1.5			
55	135	123				*E efficiency	.33	.29	.32	.29	.32	.29	12	9.6	10.4	4.8	19.7	1.0			
65	66	67					.30	.27	.30	.26	.29	.26	14	6.5	12.5	3.3	23.9	0.7			
75	25	28					.28	.24	.28	.24	.27	.24	16	4.7	14.7	2.4	28.0	0.5			
85	6	6					.26	.23	.26	.22	.25	.22									
90	0	0					.24	.21	.24	.21	.24	.21									

CAL8 6RW FFL

150W A21 LAMP, 2850 RATED LUMENS, 1.1 S/MH, TEST NO. LTL14204



From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	Coefficient of Utilization						50% beam angle			10% beam angle				
							80%	30%	50%	70%	30%	50%	30%	50%	30%	50%	30%	50%		
0	862		0° - 30°	638.7	22.4	pc														
5	863	82	0° - 40°	944.4	33.1	pw	.52	.51	.51	.50	.49	.48	Initial fc							
15	832	233	0° - 60°	1282.3	45.0		.47	.45	.46	.44	.45	.43	Mount at beam							
25	709	323	0° - 90°	1383.1	48.5		.43	.40	.42	.39	.41	.38	height	center	Beam diameter	fc at beam edge	Beam diameter	Beam diameter	fc at beam edge	
35	491	306	90° - 180°	0.0	0.0		.39	.36	.38	.35	.37	.35	8	28.5	6.0	14.2	11.4	2.8		
45	276	215	0° - 180°	1383.1	*48.5		.36	.32	.35	.32	.34	.31	10	15.3	8.2	7.7	15.6	1.5		
55	135	123				*E efficiency	.33	.29	.32	.29	.32	.29	12	9.6	10.4	4.8	19.7	1.0		
65	66	67					.30	.27	.30	.26	.29	.26	14	6.5	12.5	3.3	23.9	0.7		
75	25	28					.28	.24	.28	.24	.27	.24	16	4.7	14.7	2.4	28.0	0.5		
85	6	6					.26	.23	.26	.22	.25	.22								
90	0	0					.24	.21	.24	.21	.24	.21								

PHOTOMETRY NOTES

- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- Actual performance may differ as a result of end-user environment and application.
- Consult factory or IES file for microgroove baffle, black cone or other photometric reports.