

Gotham Architectural Downlighting  
Incandescent Cylinders

**9" CAL**  
**Lensed Cylinders, Wet Location**

A21 or A23 Lamp  
8" 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.

**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](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

ORDERING INFORMATION

**EXAMPLE: CAL9 8RW DWHG**

Series <sup>1</sup>	Door frame	Shielding	Mounting <sup>3</sup>	Options
<b>CAL9</b>	<b>8RW<sup>2</sup></b> Regressed door <b>8SB</b> Stepped black baffle	<b>T73</b> Tempered prismatic lens <b>FFL</b> Flat Fresnel lens <b>FOL</b> Flat opal lens	(blank) Ceiling mount <b>WM</b> Wall mount <b>PM<sup>4</sup></b> Pendant 3/8" thread mount	<u>Architectural Colors - Powder Paint<sup>5</sup></u> <b>DWHG</b> Matte white (standard) <b>DDB</b> Dark bronze <b>DBL</b> Black <b>DNA</b> Natural aluminum <b>DWH</b> Gloss white <b>DTG</b> Tennis green <b>DGC</b> Charcoal grey <b>DSS</b> Sandstone

ACCESSORIES order as separate catalog numbers (shipped separately)

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

NOTES

**ORDERING NOTES**

1. Maximum wattage 150W A21 lamp or 200W A23 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](http://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.

**9" CAL**

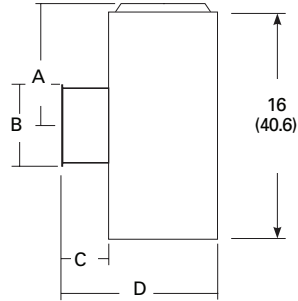
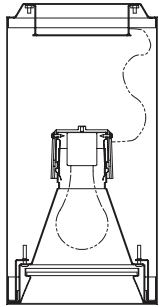
**Lensed Cylinders, Wet Location**

A21 or A23 Lamp, 8" Aperture



DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



Reflector Aperture: 8 (20.3)  
Housing Diameter: 9-3/8 (23.8)

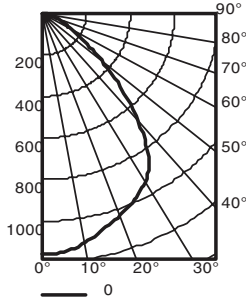
**Wall Mount Dimensions**

- A = 8 (20.3)
- B = 5-5/16 (13.5)
- C = 3-1/4 (8.3)
- D = 12-1/2 (31.8)

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

**CAL9 8RW**

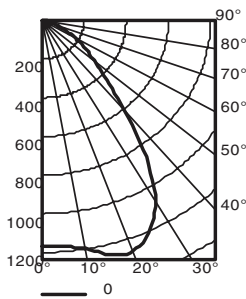
200W A23 LAMP, 3800 RATED LUMENS, 1.2 S/MH, TEST NO. LTL14201



From 0°	Ave Lumens	Zone Lumens	% Lamp	*E efficiency	pf pc	Coefficient of Utilization						Illuminance						
						80%		20% 70%		50%		50% beam angle		10% beam angle				
						50%	30%	50%	30%	50%	30%	62.0°	fc at beam edge	Beam diameter	Beam diameter	fc at beam edge		
0	1158	0° - 30° 867.8	22.8		1	.61	.59	.60	.58	.58	.56	Mount height	Initial fc at beam center	Beam diameter	fc at beam edge	Beam diameter	Beam diameter	fc at beam edge
5	1152	0° - 40° 1382.6	36.4		2	.55	.52	.54	.51	.52	.50	8	38.3	6.6	19.1	12.4	3.8	
15	1073	0° - 60° 1989.7	52.4		3	.50	.46	.49	.45	.47	.44	10	20.6	9.0	10.3	16.9	2.1	
25	990	0° - 90° 2163.2	56.9		4	.45	.41	.44	.40	.43	.39	12	12.8	11.4	6.4	21.4	1.3	
35	837	90° - 180° 0.0	0.0		5	.41	.36	.40	.36	.39	.35	14	8.8	13.8	4.4	25.9	0.9	
45	504	0° - 180° 2163.2	*56.9		6	.37	.33	.37	.33	.36	.32	16	6.4	16.2	3.2	30.4	0.6	
55	238				7	.34	.30	.34	.30	.33	.29							
65	112				8	.31	.27	.31	.27	.30	.27							
75	44				9	.29	.25	.29	.25	.28	.24							
85	11				10	.27	.23	.27	.23	.26	.23							
90	0																	

**CAL9 8RW FFL**

200W A23 LAMP, 3800 RATED LUMENS, 1.3 S/MH, TEST NO. LTL14202



From 0°	Ave Lumens	Zone Lumens	% Lamp	*E efficiency	pf pc	Coefficient of Utilization						Illuminance						
						80%		20% 70%		50%		50% beam angle		10% beam angle				
						50%	30%	50%	30%	50%	30%	65.3°	fc at beam edge	Beam diameter	Beam diameter	fc at beam edge		
0	1166	0° - 30° 1016.2	26.7		1	.65	.63	.64	.62	.61	.60	Mount height	Initial fc at beam center	Beam diameter	fc at beam edge <td>Beam diameter <td>Beam diameter <td>fc at beam edge</td> </td></td>	Beam diameter <td>Beam diameter <td>fc at beam edge</td> </td>	Beam diameter <td>fc at beam edge</td>	fc at beam edge
5	1170	0° - 40° 1548.0	40.7		2	.59	.56	.58	.55	.56	.53	8	38.5	7.0	19.3	12.0	3.9	
15	1253	0° - 60° 2114.8	55.7		3	.53	.49	.52	.49	.51	.47	10	20.7	9.6	10.4	16.3	2.1	
25	1208	0° - 90° 2305.9	60.7		4	.48	.44	.47	.43	.46	.42	12	12.9	12.2	6.5	20.7	1.3	
35	864	90° - 180° 0.0	0.0		5	.44	.39	.43	.39	.42	.38	14	8.8	14.7	4.4	25.0	0.9	
45	432	0° - 180° 2305.9	*60.7		6	.40	.36	.40	.35	.39	.35	16	6.4	17.3	3.2	29.3	0.6	
55	249				7	.37	.32	.37	.32	.36	.32							
65	127				8	.34	.30	.34	.29	.33	.29							
75	46				9	.32	.27	.31	.27	.31	.27							
85	11				10	.29	.25	.29	.25	.29	.25							
90	0																	

**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.