

Gotham Architectural Downlighting  
Compact Fluorescent Downlights

**8" AF**  
**Open Reflector**

Horizontal Lamp  
Double Twin-Tube

FEATURES

**OPTICAL SYSTEM**

- Self-flanged, semi-specular, matte-diffuse, or specular reflector. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050). Minimum flange matches reflector finish.

**MECHANICAL SYSTEM**

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

**ELECTRICAL SYSTEM**

- Horizontally mounted, positive-latch, thermoplastic socket.
- Class P, thermally protected high-power-factor ballast(s) mounted to the junction box.
- SIMPLY5™ technology available.

**LISTING**

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

**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)

**EXAMPLE: AF 2/18DTT 8AR MVOLT**

Series	Wattage/Lamp	Aperture/Trim color	Finish	Lens type	Voltage	Ballast <sup>3</sup>
AF	1/13DTT	8AR Clear	(blank) Semi-specular	(blank) No lens	MVOLT <sup>2</sup> 120 277 347	(blank) Electronic ballast
	2/13DTT	8PR Pewter	LD Matte-diffuse	CGL Clear glass lens		ECOS <sup>2,4</sup> Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5%
	1/18DTT	8WTR Wheat		PCL Clear polycarbonate lens		ADEZ <sup>4,5</sup> Advance Mark 10® electronic dimming ballast. Minimum dimming level 5%
	2/18DTT	8BC <sup>1</sup> Black cone		T73 Tempered prismatic lens		ADZT <sup>2</sup> Advance Mark 7® electronic dimming ballast. Minimum dimming level 5%
	1/26DTT	8MB <sup>1</sup> Black baffle		PPC Prismatic polycarbonate lens		
	2/26DTT	8WR <sup>1</sup> White painted		FOL Flat opal lens		
		8WB <sup>1</sup> White baffle				

ORDERING INFORMATION

Options

<b>DS</b>	Dual switching	<b>TRBL</b>	Black painted flange
<b>EL<sup>6</sup></b>	Emergency battery pack with integral test switch	<b>RRL<sup>7</sup></b>	RELOC®-ready luminaire. Provides compatibility with Lithonia RELOC system. Access above ceiling required.
<b>ELR<sup>6</sup></b>	Emergency battery pack with remote test switch	<b>HW</b>	Hardwire for S5 system; replaces RELOC®
<b>ELHL<sup>6</sup></b>	High-lumen-output emergency battery pack with integral test switch	<b>CP<sup>8</sup></b>	Chicago plenum
<b>ELRH<sup>6</sup></b>	High-lumen-output emergency battery pack with remote test switch	<b>BDP<sup>8,9</sup></b>	Ballast disconnect plug
<b>GMF<sup>5</sup></b>	Single, slow-blow fuse	<b>NEPP</b>	Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.
<b>GLR<sup>5</sup></b>	Single, fast-blow fuse	<b>WL</b>	Wet location; lens required
<b>WLP</b>	With 3500 K lamp (shipped separately)	<b>WRL<sup>10</sup></b>	Wattage restriction label
<b>TRW</b>	White painted flange (standard on MB and WB)	<b>TWS</b>	Twist lock socket

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.

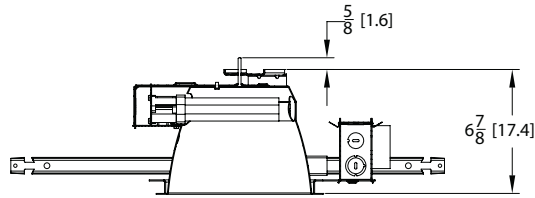
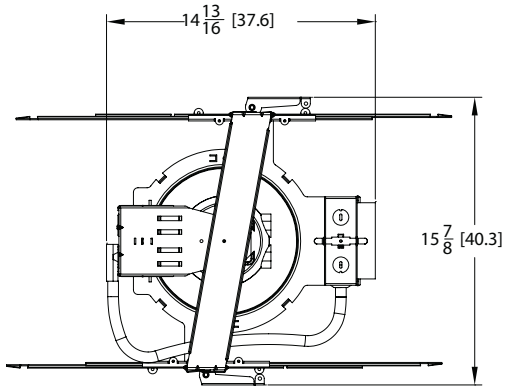
**8" AF**  
**Open Reflector**

Horizontal Lamp, Double Twin-Tube



DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



Aperture: 8 (20.3)  
Ceiling opening: 8-7/8 (22.5)  
Overlap trim: 9-1/4 (23.4)  
Lens recess: 2-5/8 (6.7)

NOTES

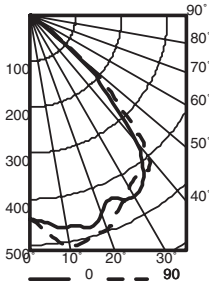
**ORDERING NOTES**

1. Not available with finishes.
2. Multi-volt electronic ballast capable of operating on any voltage from 120V through 277V, 50 or 60 Hz.
3. For additional ballast types, refer to [TECH-250](#).
4. Not available with 13DTT.
5. Available in 120V or 277V only.
6. For dimensional changes, refer to [TECH-140](#).
7. For compatible RELOC systems, refer to [TECH-110](#).
8. Not available with emergency options.
9. Meets codes that require in-fixture disconnect.
10. Must specify wattage. Ex.: WRL32

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

**AF 2/18DTT 8AR**

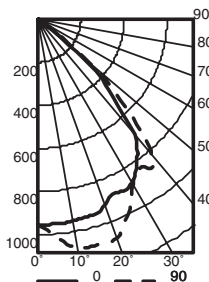
(2) CF18DD/E/835 LAMP, 2500 TOTAL RATED LUMENS, TEST NO. LTL10614



From 0°	Ave Lumens	Zone Lumens % Lamp	50% beam angle	10% beam angle	pf	20%						Initial fc	50% beam angle	10% beam angle						
						80%		70%		50%					Mount height	at beam center	Beam diameter	fc at beam edge	Beam diameter	fc at beam edge
						50%	30%	50%	30%	50%	30%									
0	445	0° - 30° 401.3 16.1	71.1'	98.9'	1	.40	.39	.39	.38	.37	.37	8	14.7	7.9	7.4	12.9	1.5			
5	462	0° - 40° 660.5 26.4			2	.36	.34	.36	.34	.34	.33	10	7.9	10.7	4.0	17.5	0.8			
15	499	0° - 60° 903.3 36.1			3	.33	.31	.32	.30	.31	.30	12	4.9	13.6	2.5	22.2	0.5			
25	468	0° - 90° 907.3 36.3			4	.30	.28	.30	.27	.29	.27	14	3.4	16.4	1.7	26.9	0.3			
35	415	90° - 180° 0.0 0.0			5	.28	.25	.27	.25	.26	.24	16	2.4	19.3	1.2	31.6	0.2			
45	250	0° - 180° 907.3 *36.3			6	.25	.23	.25	.22	.24	.22									
55	35	*Efficiency			7	.23	.21	.23	.20	.22	.20									
65	3				8	.21	.19	.21	.19	.21	.19									
75	1				9	.20	.17	.20	.17	.19	.17									
85	0				10	.18	.16	.18	.16	.18	.16									
90	0																			

**AF 2/26DTT 8AR**

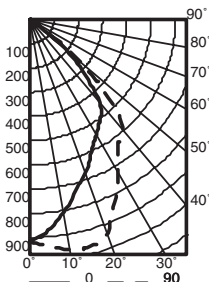
(2) CF26/DD/E/835 LAMP, 3600 TOTAL RATED LUMENS, TEST NO. LTL10615



From 0°	Ave Lumens	Zone Lumens % Lamp	50% beam angle	10% beam angle	pf	20%						Initial fc	50% beam angle	10% beam angle						
						80%		70%		50%					Mount height	at beam center	Beam diameter	fc at beam edge	Beam diameter	fc at beam edge
						50%	30%	50%	30%	50%	30%									
0	956	0° - 30° 857.8 23.5	69.5'	98.8'	1	.58	.56	.56	.55	.54	.53	8	31.6	7.6	15.8	12.8	3.2			
5	989	0° - 40° 1397.1 38.3			2	.53	.50	.52	.49	.50	.48	10	17.0	10.4	8.5	17.5	1.7			
15	1059	0° - 60° 1915.0 52.5			3	.48	.45	.47	.44	.46	.43	12	10.6	13.2	5.3	22.2	1.1			
25	1009	0° - 90° 1923.9 52.7			4	.44	.40	.43	.40	.42	.39	14	7.2	16.0	3.6	26.9	0.7			
35	859	90° - 180° 0.0 0.0			5	.40	.36	.39	.36	.38	.35	16	5.2	18.7	2.6	31.5	0.5			
45	539	0° - 180° 1923.9 *52.7			6	.37	.33	.36	.33	.35	.32									
55	78	*Efficiency			7	.34	.30	.33	.30	.33	.29									
65	6				8	.31	.27	.31	.27	.30	.27									
75	2				9	.29	.25	.29	.25	.28	.25									
85	0				10	.27	.23	.26	.23	.26	.23									
90	0																			

**AF 2/26DTT 8BC**

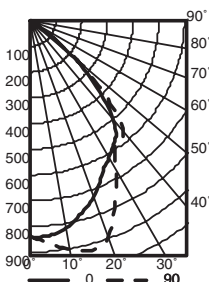
(2) CF26DD/E/835 LAMP, 3600 TOTAL RATED LUMENS, TEST NO. LTL10946



From 0°	Ave Lumens	Zone Lumens % Lamp	50% beam angle	10% beam angle	pf	20%						Initial fc	50% beam angle	10% beam angle						
						80%		70%		50%					Mount height	at beam center	Beam diameter	fc at beam edge	Beam diameter	fc at beam edge
						50%	30%	50%	30%	50%	30%									
0	916	0° - 30° 727.1 19.9	61.8'	97.1'	1	.47	.45	.46	.45	.44	.43	8	30.3	6.6	15.1	12.4	3.0			
5	924	0° - 40° 1136.9 31.1			2	.43	.40	.42	.40	.40	.39	10	16.3	9.0	8.1	17.0	1.6			
15	922	0° - 60° 1550.4 42.5			3	.39	.36	.38	.36	.37	.35	12	10.1	11.4	5.1	21.5	1.0			
25	828	0° - 90° 1553.4 42.6			4	.36	.33	.35	.32	.34	.32	14	6.9	13.8	3.5	26.0	0.7			
35	653	90° - 180° 0.0 0.0			5	.33	.30	.32	.29	.31	.29	16	5.0	16.2	2.5	30.5	0.5			
45	428	0° - 180° 1553.4 *42.6			6	.30	.27	.30	.27	.29	.26									
55	77	*Efficiency			7	.28	.25	.27	.24	.27	.24									
65	3				8	.25	.22	.25	.22	.25	.22									
75	0				9	.24	.21	.23	.21	.23	.20									
85	0				10	.22	.19	.22	.19	.21	.19									
90	0																			

**AF 2/26DTT 8MB,**

(2) CF26DD/E/835 LAMP, 3600 TOTAL RATED LUMENS, TEST NO. LTL10982



From 0°	Ave Lumens	Zone Lumens % Lamp	50% beam angle	10% beam angle	pf	20%						Initial fc	50% beam angle	10% beam angle						
						80%		70%		50%					Mount height	at beam center	Beam diameter	fc at beam edge	Beam diameter	fc at beam edge
						50%	30%	50%	30%	50%	30%									
0	840	0° - 30° 685.0 18.8	62.0'	96.7'	1	.43	.42	.42	.41	.41	.40	8	27.8	6.6	13.9	12.4	2.8			
5	858	0° - 40° 1062.7 29.1			2	.39	.37	.39	.37	.37	.36	10	14.9	9.0	7.5	16.9	1.5			
15	877	0° - 60° 1432.2 39.2			3	.36	.34	.35	.33	.34	.33	12	9.3	11.4	4.7	21.4	0.9			
25	779	0° - 90° 1435.6 39.3			4	.33	.30	.32	.30	.32	.29	14	6.4	13.8	3.2	25.9	0.6			
35	600	90° - 180° 0.0 0.0			5	.30	.27	.30	.27	.29	.27	16	4.6	16.2	2.3	30.4	0.5			
45	386	0° - 180° 1435.6 *39.3			6	.28	.25	.27	.25	.27	.24									
55	62	*Efficiency			7	.26	.23	.25	.23	.25	.22									
65	3				8	.24	.21	.23	.21	.23	.21									
75	0				9	.22	.19	.22	.19	.21	.19									
85	0				10	.20	.18	.20	.18	.20	.18									
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.