

Gotham Architectural Downlighting  
Compact Fluorescent Cylinders

**12" CFZ**  
Cylinders, Cross Baffle



Horizontal Lamp, Double Twin-Tube  
8" Aperture

FEATURES

**OPTICAL SYSTEM**

- Specular clear upper reflector.
- Self-flanged, semi-specular or matte-diffuse cross baffle reflector.

**HOUSING**

- Heavy-gauge aluminum housing with integral bottom deck for clean appearance. Matte white textured polyester powder paint finish standard.

**MOUNTING**

- Provided with mounting pattern for direct installation to 3-1/4" and 4" octagonal or 4" square junction box.

**ELECTRICAL SYSTEM**

- Horizontally-mounted, four-pin, positive-latch thermoplastic sockets.
- Class P thermally-protected, high power factor electronic ballast(s).

**LISTING**

- Fixtures are UL Listed for 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)

ORDERING INFORMATION

**EXAMPLE: CFZ12 2/26DTT 84A MVOLT DWHG**

Series	Wattage/Lamp	Trim color	Finish	Voltage	Options
CFZ12	2/13DTT	84A Clear	(blank) Semi-specular	MVOLT <sup>2</sup>	WLP With 3500 K lamp (shipped separately)
	2/18DTT	84P Pewter	LD Matte-diffuse	120	GMF Single slow-blow fuse
	2/26DTT	84WT Wheat		277	GLR Single fast-blow fuse
		84W' White		347	DS Dual switching
					NPP16D EFP nLight network power/relay pack with 0-10V dimming.
					NPP16D ER EFP nLight network power/relay pack with 0-10V dimming. ER controls fixtures on emergency circuit.
					<u>Architectural Colors - Powder Paint<sup>3</sup></u>
					DWHG Matte white (standard)
					DBL Black
					DNA Natural aluminum
					DDB Dark bronze
					DWH Gloss white

NOTES

ORDERING NOTES		
1. Not available with finishes.	3. Additional architectural colors available; see <a href="http://www.lithonia.com/archcolors">www.lithonia.com/archcolors</a> .	
2. Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60Hz.		

## 12" CFZ

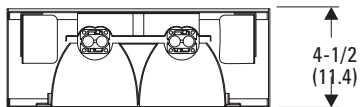
### Cylinders, Cross Baffle

Horizontal Lamp, Double Twin-Tube, 8" Aperture



DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.

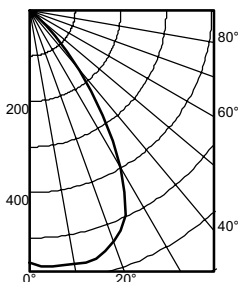


Reflector Aperture: 8 (20.3)  
Housing Diameter: 12 (30.5)

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

**CFZ12 2/13DTT 84A**

(2) 13W PL-C 13W/27/4P LAMP, 1.1 S/MH, 900 RATED LUMENS PER LAMP, TEST NO. 2196073103

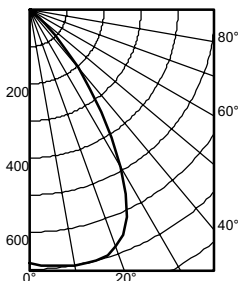


Ave Lumens	Zone	Lumens	% Lamp	pf pc pw	80%			20% 70%			50%		
					50%	30%	10%	50%	30%	10%	50%	30%	10%
0	0° - 30°	434.5	24.1	0	45	45	45	44	44	44	42	42	42
5	0° - 40°	608.9	33.8	1	42	41	40	41	40	39	39	39	38
15	0° - 60°	681.2	37.8	2	39	37	36	38	37	35	37	36	35
25	0° - 90°	681.3	37.8	3	36	34	32	35	34	32	34	33	32
35	90° - 180°	0.0	0.0	4	33	31	29	33	31	29	32	30	29
45	0° - 180°	681.3	*37.8	5	31	29	27	31	28	27	30	28	27
55			*Efficiency	6	29	27	25	29	26	25	28	26	25
65				7	27	25	23	27	24	23	26	24	23
75				8	25	23	21	25	23	21	25	23	21
85				9	24	21	20	23	21	20	23	21	20
90				10	22	20	18	22	20	18	22	20	18

Initial FC Center		50% beam - 58.3°		10% beam - 83.7°	
Mounting Height	Beam Diameter	FC Diameter	FC	Diameter	FC
8.0	18.3	6.1	9.2	9.9	1.8
10.0	9.9	8.4	4.9	13.4	1.0
12.0	6.1	10.6	3.1	17.0	0.6
14.0	4.2	12.8	2.1	20.6	0.4
16.0	3.0	15.1	1.5	24.2	0.3

**CFZ12 2/18DTT 84A**

(2) 18W CF18DD/E/827 LAMP, 1.1 S/MH, 1250 RATED LUMENS PER LAMP, TEST NO. 2196080101

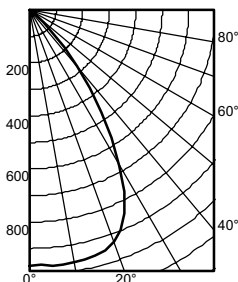


Ave Lumens	Zone	Lumens	% Lamp	pf pc pw	80%			20% 70%			50%		
					50%	30%	10%	50%	30%	10%	50%	30%	10%
0	0° - 30°	540.8	21.6	0	40	40	40	39	39	39	37	37	37
5	0° - 40°	750.8	30.0	1	37	36	35	36	36	35	35	34	34
15	0° - 60°	837.7	33.5	2	34	33	32	34	32	31	33	32	31
25	0° - 90°	837.8	33.5	3	32	30	29	31	30	28	30	29	28
35	90° - 180°	0.0	0.0	4	30	28	26	29	27	26	28	27	26
45	0° - 180°	837.8	*33.5	5	28	25	24	27	25	24	27	25	24
55			*Efficiency	6	26	24	22	25	23	22	25	23	22
65				7	24	22	20	24	22	20	23	21	20
75				8	22	20	19	22	20	19	22	20	19
85				9	21	19	18	21	19	18	21	19	17
90				10	20	18	16	20	18	16	19	18	16

Initial FC Center		50% beam - 58.4°		10% beam - 83.4°	
Mounting Height	Beam Diameter	FC Diameter	FC	Diameter	FC
8.0	22.6	6.1	11.3	9.8	2.3
10.0	12.1	8.4	6.1	13.4	1.2
12.0	7.6	10.6	3.8	16.9	0.8
14.0	5.2	12.9	2.6	20.5	0.5
16.0	3.7	15.1	1.9	24.0	0.4

**CFZ12 2/26DTT 84A**

(2) 26W CF26DD/E/827 LAMP, 1.1 S/MH, 1825 RATED LUMENS PER LAMP, TEST NO. 2196080102



Ave Lumens	Zone	Lumens	% Lamp	pf pc pw	80%			20% 70%			50%		
					50%	30%	10%	50%	30%	10%	50%	30%	10%
0	0° - 30°	743.5	20.4	0	37	37	37	36	36	36	35	35	35
5	0° - 40°	1035.5	28.4	1	35	34	33	34	33	33	33	32	32
15	0° - 60°	1143.9	31.3	2	32	31	30	32	30	29	31	30	29
25	0° - 90°	1144.2	31.3	3	30	28	27	29	28	27	29	27	26
35	90° - 180°	0.0	0.0	4	28	26	25	27	26	24	27	25	24
45	0° - 180°	1144.2	*31.3	5	26	24	22	25	24	22	25	23	22
55			*Efficiency	6	24	22	21	24	22	21	23	22	20
65				7	22	21	19	22	20	19	22	20	19
75				8	21	19	18	21	19	18	21	19	18
85				9	20	18	17	20	18	16	19	18	16
90				10	19	17	15	18	17	15	18	17	15

Initial FC Center		50% beam - 57.8°		10% beam - 82.7°	
Mounting Height	Beam Diameter	FC Diameter	FC	Diameter	FC
8.0	32.0	6.1	16.0	9.7	3.2
10.0	17.2	8.3	8.6	13.2	1.7
12.0	10.7	10.5	5.4	16.7	1.1
14.0	7.3	12.7	3.7	20.2	0.7
16.0	5.3	14.9	2.7	23.8	0.5

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.