

Gotham Architectural Downlighting
Compact Fluorescent Cylinders

8" CFV
Wallwash Cylinders

Vertical Lamp, Double Twin-Tube or Triple-Tube,
6" Aperture

FEATURES

OPTICAL SYSTEM

- Self-flanged, semi-specular or matte-diffuse reflector. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050) provides lamp before lamp image and smooth transition from top of reflector to bottom.
- Highly reflective outer kicker reflector provides smooth, uniform illumination floor to ceiling, edge to edge. Inner cone is contoured to eliminate room-side flash. For optimal uniformity, the recommended luminaire spacing is 3' from the wall and 3' centers. Not recommended for wall mount.

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 to 4" square junction box.
- Optional wall mount provided with mounting pattern for direct installation to 4" square or octagonal junction box.
- Optional pendant mounting entry provided for 3/8" National Pipe Thread stem. Mounting accessories available (see Accessories). Wires supplied by others.

ELECTRICAL SYSTEM

- Vertically mounted, four-pin, positive-latch, thermoplastic socket.
- Class P, thermally protected, high-power-factor electronic ballast.

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

Note: Actual performance may differ as a result of end user environment and application.

ORDERING INFORMATION

EXAMPLE: CFV8 26DTT 6ARW 120 DWHG

Series	Wattage/Lamp	Trim color	Type	Finish	Voltage	Ballast
CFV8	13DTT 18TRT	6AR Clear	W Wallwash	(blank) Semi-specular LD Matte-diffuse	MVOLT ² 120 277 347	(blank) Electronic ballast
	18DTT 26TRT	6PR Pewter				ECOS ^{2,3} Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5%
	26DTT 32TRT	6WTR Wheat				ADEZ ^{3,4} Advance Mark 10® electronic dimming ballast. Minimum dimming level 5%
	13TRT 42TRT	6WR ¹ White				ADZT ² Advance Mark 7® electronic dimming ballast. Minimum dimming level 5%
		6BR ¹ Black				

Mounting ⁵	Options
(blank) Ceiling mount	WLP With 3500 K lamp (shipped separately)
PM ⁶ Pendant 3/8" thread mount	GMF ⁴ Single slow-blow fuse
WM Wall mount	GLR ⁴ Single fast-blow fuse
	Architectural Colors - Powder Paint ⁷
	DWHG Matte white (standard)
	DBL Black
	DNA Natural aluminum
	DDB Dark bronze
	DWH Gloss white

ACCESSORIES order as separate catalog numbers (shipped separately)

CYS ⁸	3/8" stem and canopy with 5° "hang straight" swivel
CRS ⁸	3/8" stem and canopy with 45° swivel
nSP5 D	Sensor Switch® nLight® 0-10V dimming relay. Requires additional nLight bus power supply (nPS 80). Must specify ADZT.

8" CFV

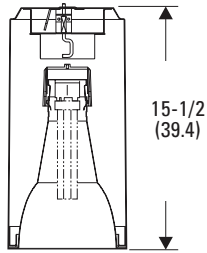
Wallwash Cylinders

Vertical Lamp, Double Twin-Tube or Triple-Tube, 6" Aperture

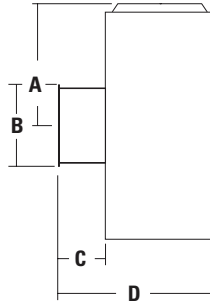


DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



Reflector Aperture: 6-1/4 (15.9)
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)

NOTES

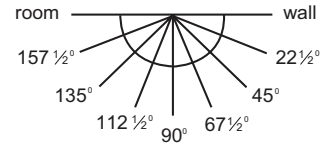
ORDERING NOTES

1. Not available with finishes.
2. Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60 Hz.
3. Not available with 13W.
4. Available in 120V or 277V only.
5. Wires supplied by others.
6. Stem not included.
7. Additional architectural colors available; see www.lithonia.com/archcolors.
8. 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.



TECHNICAL INFORMATION

Footcandle values are initial and tables are based on minimum of six units. For fixture-to-wall distance other than those shown, use maximum of one-to-one spacing (distance between fixtures not more than distance to wall) for best results.



Fixture/Lamp	Candlepower Data	Footcandle values
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CFV8 18TRT 6ARW

(1) PL-T 18W 4PIN lamp
1200 total rated lumens
Test No. LTL17604

Vertical Angle	Wall	Plane Angle						
		22.5	45	67.5	90	112.5	135	157.5
0	466	466	466	466	466	466	466	466
5	453	447	443	442	440	439	439	439
15	397	397	397	389	379	373	369	366
25	314	315	311	300	284	283	295	300
35	220	217	208	198	191	185	179	178
45	130	124	114	103	94	85	78	74
55	79	74	63	50	38	27	17	13
65	46	41	32	22	13	5	1	1
75	21	18	13	9	4	1	0	0
85	4	3	2	1	0	0	0	0
90	0	0	0	0	0	0	0	0

ft. from ceiling	Wallwash Illuminance Study (fc)								
	Illuminance on wall from 6 luminaires								
	Luminaire mounted 3 ft. from wall 3 ft. between luminaires			Luminaire mounted 3 ft. from wall 4 ft. between luminaires			Luminaire mounted 3 ft. from wall 5 ft. between luminaires		
	3	3.5	4	3	3.5	4	3	3.5	4
1	4	3	4	3	2	3	3	1	3
2	7	7	7	6	5	6	5	3	5
3	8	8	8	7	6	7	6	4	6
4	9	9	9	7	6	7	6	5	6
5	8	8	8	6	6	6	5	5	5
6	7	7	7	5	5	5	4	4	4
7	6	6	6	5	5	5	4	4	4
8	5	5	5	4	4	4	3	3	3
9	4	4	4	3	3	3	3	3	3
10	3	4	3	3	3	3	2	2	2
11	3	3	3	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2

CFV8 26TRT 6ARW

(1) PL-T 26W 4PIN lamp
1800 total rated lumens
Test No. LTL17606

Vertical Angle	Wall	Plane Angle						
		22.5	45	67.5	90	112.5	135	157.5
0	709	709	709	709	709	709	709	709
5	728	727	724	717	702	687	676	669
15	630	640	637	623	605	601	591	580
25	482	493	491	477	454	458	466	460
35	337	335	327	314	299	293	281	274
45	194	191	179	166	153	140	126	116
55	116	112	100	83	66	48	31	21
65	69	64	52	38	24	11	3	1
75	32	29	23	15	9	3	1	0
85	6	5	4	2	1	0	0	0
90	0	0	0	0	0	0	0	0

ft. from ceiling	Wallwash Illuminance Study (fc)								
	Illuminance on wall from 6 luminaires								
	Luminaire mounted 3 ft. from wall 3 ft. between luminaires			Luminaire mounted 3 ft. from wall 4 ft. between luminaires			Luminaire mounted 3 ft. from wall 5 ft. between luminaires		
	3	3.5	4	3	3.5	4	3	3.5	4
1	6	5	6	5	3	5	4	2	4
2	11	10	11	9	7	9	8	5	8
3	13	12	13	10	9	10	9	6	9
4	13	13	13	10	9	10	9	7	9
5	12	12	12	9	9	9	8	7	8
6	11	11	11	8	8	8	7	6	7
7	9	9	9	7	7	7	6	6	6
8	8	8	8	6	6	6	5	5	5
9	6	6	6	5	5	5	4	4	4
10	5	5	5	4	4	4	3	3	3
11	4	5	4	4	4	4	3	3	3
12	4	4	4	3	3	3	3	3	3

CFV8 32TRT 6ARW

(1) PL-T 32W 4PIN lamp
2400 total rated lumens
Test No. LTL17607

Vertical Angle	Wall	Plane Angle						
		22.5	45	67.5	90	112.5	135	157.5
0	793	793	793	793	793	793	793	793
5	779	774	767	761	755	748	745	746
15	663	661	646	626	622	621	612	607
25	512	514	496	474	466	465	470	461
35	363	355	340	320	307	295	282	275
45	223	214	196	177	161	145	131	122
55	132	125	109	88	68	47	28	20
65	77	70	56	40	23	10	2	1
75	37	32	24	16	8	3	0	0
85	7	6	4	2	1	0	0	0
90	0	0	0	0	0	0	0	0

ft. from ceiling	Wallwash Illuminance Study (fc)								
	Illuminance on wall from 6 luminaires								
	Luminaire mounted 3 ft. from wall 3 ft. between luminaires			Luminaire mounted 3 ft. from wall 4 ft. between luminaires			Luminaire mounted 3 ft. from wall 5 ft. between luminaires		
	3	3.5	4	3	3.5	4	3	3.5	4
1	6	6	6	5	4	5	5	2	5
2	12	11	12	10	8	10	9	5	9
3	14	14	14	11	10	11	10	7	10
4	15	14	15	11	10	11	10	8	10
5	13	13	13	10	10	10	9	8	9
6	11	11	11	9	9	9	7	7	7
7	10	10	10	7	7	7	6	6	6
8	8	8	8	6	6	6	5	5	5
9	7	7	7	5	5	5	4	4	4
10	6	6	6	4	4	4	4	4	4
11	5	5	5	4	4	4	3	3	3
12	4	4	4	3	3	3	3	3	3

PHOTOMETRY NOTES

- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- Consult factory or IES file for microgroove baffle, black cone or other photometric reports.

8" CFV

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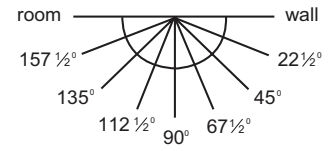
Vertical Lamp, Double Twin-Tube or Triple-Tube, 6" Aperture



PHOTOMETRY

TECHNICAL INFORMATION

Footcandle values are initial and tables are based on minimum of six units. For fixture-to-wall distance other than those shown, use maximum of one-to-one spacing (distance between fixtures not more than distance to wall) for best results.



Fixture/Lamp	Candlepower Data	Footcandle values
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CFV8 42TRT 6ARW
 (1) PL-T 42W 4PIN lamp
 3200 rated lumens
 Test No. LTL17608

	Wall	Plane Angle						
		22.5	45	67.5	90	112.5	135	157.5
0	909	909	909	909	909	909	909	909
5	934	931	924	914	903	893	884	882
15	831	836	821	800	793	797	785	770
25	635	642	626	608	600	595	594	576
35	438	431	418	400	384	366	348	335
45	262	255	239	220	202	181	162	147
55	154	148	131	109	86	60	36	23
65	91	84	70	52	32	15	4	1
75	43	39	31	21	12	5	1	1
85	9	7	5	3	1	1	0	0
90	0	0	0	0	0	0	0	0

Wallwash Illuminance Study (fc)											
Illuminance on wall from 6 luminaires											
ft. from ceiling	Luminaire mounted 3 ft. from wall			Luminaire mounted 3 ft. from wall			Luminaire mounted 3 ft. from wall				
	3 ft. between luminaires	3	3.5	4	4 ft. between luminaires	3	3.5	4	5 ft. between luminaires	3	3.5
1	7	6	7	6	4	6	6	3	6		
2	14	13	14	11	9	11	10	6	10		
3	17	16	17	13	11	13	12	8	12		
4	17	17	17	14	12	14	12	9	12		
5	16	16	16	12	12	12	10	9	10		
6	14	14	14	11	10	11	9	8	9		
7	12	12	12	9	9	9	7	7	7		
8	10	10	10	8	8	8	6	6	6		
9	8	8	8	6	6	6	5	5	5		
10	7	7	7	5	5	5	4	4	4		
11	6	6	6	5	5	5	4	4	4		
12	5	5	5	4	4	4	3	3	3		

PHOTOMETRY NOTES

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