

Gotham Architectural Downlighting
Compact Fluorescent Cylinders

10" CF
Wallwash Cylinders

Horizontal 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 integral bottom deck for clean appearance. Matte white textured polyester powder paint finish standard.
- Reveal on standard ceiling and optional pendant mount give floating luminaire appearance.

MOUNTING

- Standard ceiling mount provided with mounting pattern for direct installation to 3-1/4" and 4" octagonal or 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).

ELECTRICAL SYSTEM

- Horizontally mounted, four-pin, positive-latch thermoplastic socket(s).
- 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

ORDERING INFORMATION

EXAMPLE: CF10 2/26DTT 6ARW 120 DWHG

Series	Wattage/Lamp		Trim color		Type	Finish		Voltage	Ballast					
CF10	1/13DTT	1/13TRT	6AR	Clear	W	Wallwash	(blank)	MVOLT ¹	(blank)	Electronic ballast				
	2/13DTT	1/18TRT	6PR	Pewter			LD		Semi-specular Matte-diffuse		120	ECOS ^{1,2}	Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5%	
	1/18DTT	1/26TRT	6WTR	Wheat			277				ADEZ ^{2,3}	Advance Mark 10® electronic dimming ballast. Minimum dimming level 5%		
	2/18DTT	1/32TRT					347				ADZT ¹			Advance Mark 7® electronic dimming ballast. Minimum dimming level 5%
	1/26DTT	1/42TRT												
	2/26DTT													

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

ACCESSORIES order as separate catalog numbers (shipped separately)

CYS ⁷	3/8" stem and canopy with 5° "hang straight" swivel
CRS ⁷	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)

10" CF

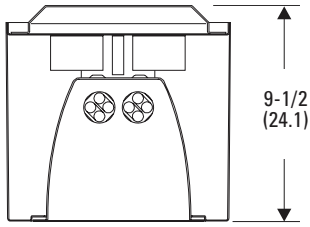
Wallwash Cylinders

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

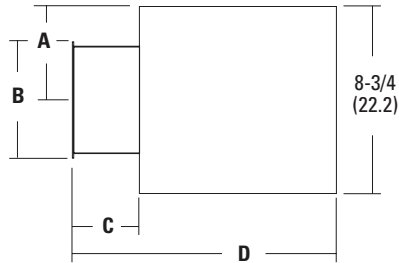


DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



Reflector Aperture: 6-1/4 (15.9)
Housing Diameter: 9-3/4 (24.8)



Wall Mount Dimensions

- A = 4-1/4 (10.8)
- B = 5-5/16 (13.5)
- C = 3-1/4 (8.3)
- D = 13 (33.0)

NOTES

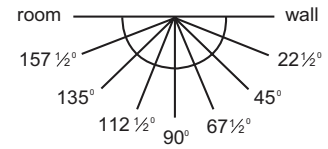
ORDERING NOTES

1. Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60 Hz.
2. Not available with 13W.
3. Available in 120V or 277V only.
4. Wires supplied by others.
5. Stem not included.
6. Additional architectural colors available; see www.lithonia.com/archcolors.
7. 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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CF10 1/18TRT 6ARW

(1) PL-T 18W 4PIN lamp
1200 total rated lumens
Test No. LTL17399

Vertical Angle	Wall	Plane Angle						
		22.5	45	67.5	90	112.5	135	157.5
0	419	419	419	419	419	419	419	419
5	417	400	392	389	389	390	395	403
15	370	348	330	315	309	311	323	344
25	305	278	244	216	195	194	214	243
35	220	192	162	137	124	121	126	144
45	122	107	93	79	69	65	66	67
55	63	60	54	46	37	29	21	16
65	31	30	25	19	12	6	1	0
75	17	16	13	9	5	2	0	0
85	3	3	2	1	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		
1	3	3	3	2	2	2	2	1	2
2	5	5	5	4	3	4	4	2	4
3	7	7	7	6	5	6	5	4	5
4	9	8	9	7	6	7	6	4	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	4	4	4	4	3	4
8	5	5	5	4	4	4	3	3	3
9	4	4	4	3	3	3	2	2	2
10	3	3	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

CF10 1/26TRT 6ARW

(1) PL-T 26W 4PIN lamp
1800 total rated lumens
Test No. LTL17398

Vertical Angle	Wall	Plane Angle						
		22.5	45	67.5	90	112.5	135	157.5
0	652	652	652	652	652	652	652	652
5	651	642	631	620	608	599	596	595
15	536	509	482	455	441	446	469	498
25	434	397	350	305	277	287	321	359
35	310	273	231	203	188	183	191	218
45	172	154	130	109	97	92	92	95
55	91	85	74	61	49	34	22	19
65	45	40	33	23	13	4	0	0
75	25	22	16	10	5	2	0	0
85	6	5	4	2	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		
1	4	4	4	3	2	3	3	2	3
2	8	7	8	6	5	6	6	3	6
3	11	10	11	8	7	8	8	5	8
4	12	12	12	9	8	9	8	6	8
5	11	11	11	8	8	8	7	6	7
6	10	10	10	7	7	7	6	6	6
7	8	8	8	6	6	6	5	5	5
8	7	7	7	5	5	5	4	4	4
9	5	6	6	4	4	4	3	3	3
10	5	5	5	4	4	4	3	3	3
11	4	4	4	3	3	3	2	3	2
12	3	3	3	3	3	3	2	2	2

CF10 1/32TRT 6ARW

(1) PL-T 32W 4PIN lamp
2400 total rated lumens
Test No. LTL17397

Vertical Angle	Wall	Plane Angle						
		22.5	45	67.5	90	112.5	135	157.5
0	951	951	951	951	951	951	951	951
5	939	934	920	901	891	889	887	881
15	746	722	697	660	633	629	650	680
25	616	581	527	467	413	410	454	508
35	435	409	361	314	278	277	291	318
45	234	224	204	181	164	155	150	148
55	122	118	107	93	82	64	45	33
65	60	59	50	37	23	12	3	1
75	33	32	26	18	10	5	1	0
85	7	6	4	4	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		
1	6	5	6	5	3	5	4	2	4
2	10	9	10	9	6	9	8	4	8
3	14	13	14	11	9	11	10	7	10
4	16	16	16	13	12	13	11	8	11
5	15	15	15	12	11	12	10	9	10
6	13	13	13	10	10	10	8	8	8
7	11	11	11	8	8	8	7	7	7
8	9	9	9	7	7	7	6	6	6
9	7	8	8	6	6	6	5	5	5
10	6	6	6	5	5	5	4	4	4
11	5	5	5	4	4	4	3	3	3
12	4	4	4	4	4	4	3	3	3

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.

10" CF

Wallwash Cylinders

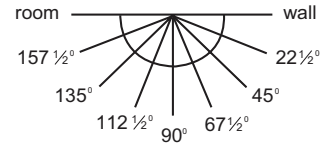
Horizontal Lamp, Double Twin-Tube or Triple-Tube, 6" Aperture



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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CF10 1/42TRT 6ARW
 (1) PL-T 42W 4PIN lamp
 3200 total rated lumens
 Test No. LTL17396

Vertical Angle	Wall	Plane Angle						
		22.5	45	67.5	90	112.5	135	157.5
0	1168	1168	1168	1168	1168	1168	1168	1168
5	1133	1136	1132	1117	1109	1112	1120	1120
15	953	938	919	896	877	901	935	955
25	793	779	733	669	616	618	665	728
35	559	549	520	468	425	429	441	457
45	301	302	299	292	289	268	244	218
55	158	156	142	129	119	96	64	50
65	79	77	64	48	31	15	5	2
75	43	41	33	24	13	6	1	0
85	7	7	8	5	2	0	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	3.5 ft. between luminaires	4 ft. between luminaires	3 ft. between luminaires	3.5 ft. between luminaires	4 ft. between luminaires	3 ft. between luminaires	3.5 ft. between luminaires	4 ft. between luminaires
1	7	7	7	6	4	6	6	3	6
2	13	12	13	11	8	11	10	5	10
3	18	18	18	15	12	15	13	9	13
4	21	21	21	17	15	17	14	11	14
5	20	20	20	15	15	15	13	11	13
6	17	17	17	13	13	13	11	10	11
7	14	14	14	11	11	11	9	9	9
8	12	12	12	9	9	9	7	7	7
9	10	10	10	8	8	8	6	6	6
10	8	8	8	6	6	6	5	5	5
11	7	7	7	5	5	5	4	4	4
12	6	6	6	5	5	5	4	4	4

PHOTOMETRY NOTES

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