

Gotham Architectural Downlighting  
Compact Fluorescent Downlights

**10" AFW**  
**Open Wallwash**

Horizontal Lamp  
Triple-Tube

FEATURES

**OPTICAL SYSTEM**

- Self-flanged, semi-specular or matte-diffuse reflector. Fluted vertical upper section works in conjunction with patented Bounding Ray™ Optical Principle to provide lamp before lamp image and smooth transition from top of reflector to bottom. Hybrid kicker reflector for wallwash. Minimum flange matches reflector finish. White painted flange optional.
- Hybrid kicker reflector has highly specular finish on bottom 3/4" and transitions to diffuse on the rest of the kicker reflector.
- Hinged lampdoor seals upper trim for optimal fixture efficiency and the reduction of stray light in the plenum.

**MECHANICAL SYSTEM**

- 16-gauge galvanized steel mounting/plaster frame with integral yoke to retain optical system. Maximum 1-1/2" ceiling thickness.
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped pre-installed. Post-installation adjustment possible without the use of tools from above or below the ceiling.
- Galvanized steel junction box with bottom-hinged access covers and spring

latches. Two combination 1/2"-3/4" and three 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors, rated for 90°C.

**ELECTRICAL SYSTEM**

- Horizontally mounted, four-pin, positive-latch, thermoplastic socket(s).
- Class P, thermally protected high-power-factor electronic ballast(s) mounted to the junction box (CP and EL ballast mounted on ballast tray).
- SIMPLY5™ technology available.

**LISTING**

- Fixtures are UL listed for thru-branch wiring, recessed mounting and damp locations. Listed and labeled to comply with Canadian standards (see Options).

**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: AFW 3/42TRT 10AR MVOLT**

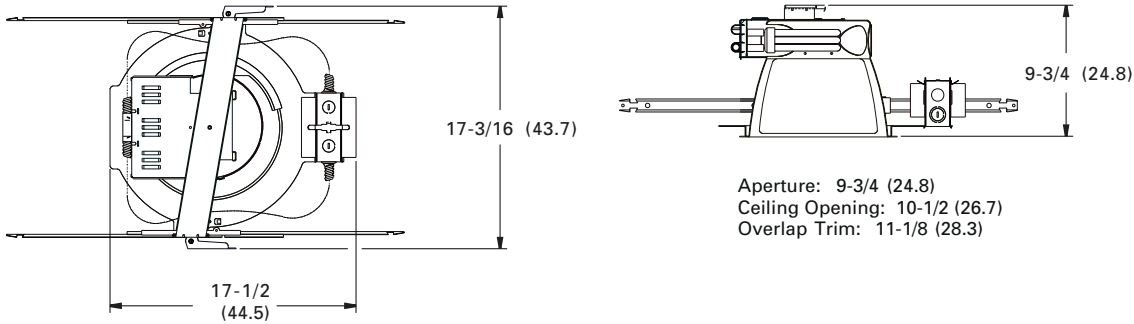
Series	Wattage/Lamp	Aperture/Trim color	Finish	Lens type	Voltage	Ballast			
AFW	1/18TRT	10AR	Clear	(blank) Semi-specular	(blank) No lens	MVOLT <sup>3</sup> 120 277 347	(blank) GEB10 standard. Electronic ballast. Requires four-pin lamp		
	1/26TRT	10PR	Pewter	LD Matte-diffuse	CGL Clear glass lens			ECOS <sup>3,4</sup> Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5%	
	1/32TRT	10WTR	Wheat		PCL Clear polycarbonate lens				
	1/42TRT	10CR <sup>2</sup>	Champagne gold						
	1/57TRT <sup>1</sup>								ADEZ <sup>5</sup> Advance Mark 10® electronic dimming ballast. Minimum dimming level 5%
	2/18TRT	10GR <sup>2</sup>	Gold						
	2/26TRT								ADZT <sup>5</sup> Advance Mark 7® electronic dimming ballast. Minimum dimming level 5%
	2/32TRT								
	2/42TRT								
	2/57TRT <sup>1</sup>								
	3/18TRT								
	3/26TRT								
	3/32TRT								
	3/42TRT								

Options

<b>WLP</b>	3500 K lamp (shipped separately)	<b>QDS<sup>9</sup></b>	Quick disconnect for easy ballast replacement
<b>TRW</b>	White painted flange	<b>CWW</b>	Corner wallwash
<b>ELR<sup>5,6</sup></b>	Emergency battery pack with remote test switch	<b>DWW</b>	Double wallwash
<b>GMF<sup>5</sup></b>	Single, slow-blow fuse (not available with MVOLT)	<b>CP<sup>8</sup></b>	Chicago plenum (consult factory)
<b>RIF</b>	Radio Interference Filter	<b>CSA</b>	CSA certified
<b>RRL<sup>7</sup></b>	RELOC®-ready luminaire. Provides compatibility with Lithonia RELOC system. Access above ceiling required.	<b>NEPP</b>	Interface for Sensor Switch® nLight® network with integral power supply. Refer to <a href="#">TN-623-01</a> .
<b>HW</b>	Hardwire for S5 system; replaces RELOC®	<b>WRL<sup>9</sup></b>	Wattage restriction label
		<b>WL</b>	Wet location; lens required

DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



ENERGY					
LER.DOL	Annual Energy Cost	Lamps	Lamp Lumens	Ballast Factor	Input Watts
40	\$5.94	3/42TRT	9600	.98	135

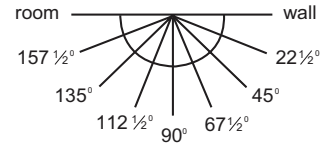
Calculated in accordance with NEMA standard LE-5.

NOTES

ORDERING NOTES	
1. For use with Sylvania lamps only	6. For dimensional changes, refer to <a href="#">TECH-140</a> .
2. Not recommended for use with compact fluorescent lamp. Consult factory.	7. For compatible RELOC systems, refer to <a href="#">TECH-110</a> .
3. Multi-volt electronic ballast capable of operating on any voltage from 120V through 277V, 50 or 60 Hz.	8. Not available with emergency options.
4. Not available with 57W.	9. Must specify wattage. Ex.: WRL32
5. Consult factory for specific availability.	

**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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**AFW 2/32TRT 10AR**

(2) CF32DT/E/IN/835 lamp

2400 total rated lumens

Test no. LTL9680

Vertical angle	Plane angle								Luminaire 3' from wall on 3' centers				Luminaire 3' from wall on 4' centers			
	Room side				Wall side											
	Room	157 1/2°	135°	112 1/2°	90°	67 1/2°	45°	22 1/2°	Wall	1	2	3	4	1	2	3
0°	1223	1223	1223	1223	1223	1223	1223	1223	1223	1	19	16	19	16	11	7
5°	1662	1581	1453	1330	1261	1247	1304	1331	1333	2	55	48	56	46	32	21
15°	2091	2112	1959	1623	1402	1433	1471	1371	1307	3	67	69	68	54	49	33
25°	1951	1980	1984	1772	1490	1426	1412	1250	1131	4	58	56	59	42	43	35
35°	1555	1536	1450	1291	1096	1069	1181	1188	1199	5	40	44	42	33	33	27
45°	971	951	899	799	687	765	970	1076	1124	6	31	34	33	24	26	21
55°	49	50	45	39	50	223	495	640	717	7	25	26	27	19	22	17
65°	10	10	10	10	19	100	230	283	288	8	19	21	21	16	17	15
75°	5	5	5	5	7	33	77	90	98	9	16	17	17	13	14	12
85°	0	0	1	1	1	3	6	8	12	10	13	14	14	11	11	10
95°	0	0	0	0	0	0	0	0	0							

**AFW 2/42TRT 10AR**

(2) CF42DT/E/IN/835 lamp

3200 total rated lumens

Test no. LTL9681

Vertical angle	Plane angle								Luminaire 3' from wall on 3' centers				Luminaire 3' from wall on 4' centers			
	Room side				Wall side											
	Room	157 1/2°	135°	112 1/2°	90°	67 1/2°	45°	22 1/2°	Wall	1	2	3	4	1	2	3
0°	1555	1555	1555	1555	1555	1555	1555	1555	1555	1	23	20	23	20	13	9
5°	2017	1948	1840	1693	1580	1548	1587	1621	1624	2	68	59	69	58	39	26
15°	2523	2587	2395	2059	1728	1704	1756	1708	1648	3	78	83	79	63	58	39
25°	2242	2328	2346	2157	1740	1676	1711	1559	1439	4	67	68	68	49	52	41
35°	1398	1453	1440	1357	1358	1643	1834	1937	1963	5	48	54	50	39	41	33
45°	1140	1105	1029	933	752	881	1109	1261	1306	6	39	42	41	29	33	27
55°	59	64	60	54	63	277	585	781	883	7	31	32	34	24	26	21
65°	13	13	13	13	25	128	283	350	361	8	24	26	26	20	21	18
75°	8	8	8	8	10	44	98	113	121	9	20	21	21	16	17	14
85°	0	1	2	2	3	6	9	11	15	10	16	17	17	13	14	12
95°	0	0	0	0	0	0	0	0	0							

**AFW 3/32TRT 10AR**

(3) CF32DT/E/IN/835 lamp

2400 total rated lumens

Test no. LTL9677

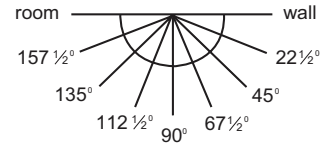
Vertical angle	Plane angle								Luminaire 3' from wall on 3' centers				Luminaire 3' from wall on 4' centers			
	Room side				Wall side											
	Room	157 1/2°	135°	112 1/2°	90°	67 1/2°	45°	22 1/2°	Wall	1	2	3	4	1	2	3
0°	1829	1829	1829	1829	1829	1829	1829	1829	1829	1	22	20	23	19	13	19
5°	2008	2022	2014	1928	1827	1782	1762	1722	1709	2	61	55	62	51	37	51
15°	2499	2427	2355	2200	1977	1835	1722	1741	1731	3	75	72	77	63	48	64
25°	2508	2415	2259	2069	1788	1735	1675	1678	1630	4	65	65	66	49	48	50
35°	1781	1757	1685	1547	1318	1262	1381	1492	1574	5	50	53	52	40	40	41
45°	982	969	925	857	721	709	945	1175	1332	6	39	41	41	30	32	31
55°	65	72	64	61	79	283	499	693	758	7	31	32	33	24	25	25
65°	11	11	11	12	31	164	279	316	321	8	24	26	26	20	20	21
75°	7	6	6	7	11	60	99	111	119	9	19	21	21	16	17	17
85°	0	0	1	1	2	9	14	11	17	10	16	17	17	13	14	14
95°	0	0	0	0	0	0	0	0	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.

**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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**AFW 3/42TRT 10AR**

(3) CF42DT/E/IN/835 lamp

3200 total rated lumens

Test no. LTL9676

Vertical angle	Plane angle									Footcandle values									
	Room side				Wall side					Luminaire 3' from wall on 3' centers			Luminaire 3' from wall on 4' centers						
	Room	157½°	135°	112½°	90°	67½°	45°	22½°	Wall	1	2	3	4	5	6	7	8	9	10
0°	2756	2756	2756	2756	2756	2756	2756	2756	2756	2756	2756	2756	2756	2756	2756	2756	2756	2756	2756
5°	3123	3090	3012	2905	2760	2686	2657	2621	2601	2601	2601	2601	2601	2601	2601	2601	2601	2601	2601
15°	3818	3779	3597	3319	2876	2704	2610	2594	2567	2567	2567	2567	2567	2567	2567	2567	2567	2567	2567
25°	3737	3726	3462	3077	2501	2434	2342	2326	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229
35°	2859	2855	2683	2405	2085	1991	2011	2043	2029	2029	2029	2029	2029	2029	2029	2029	2029	2029	2029
45°	1488	1488	1439	1321	1182	1258	1524	1763	1827	1827	1827	1827	1827	1827	1827	1827	1827	1827	1827
55°	72	75	71	66	109	486	863	1140	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269
65°	17	18	18	19	48	256	457	546	558	558	558	558	558	558	558	558	558	558	558
75°	11	11	11	12	17	86	163	190	207	207	207	207	207	207	207	207	207	207	207
85°	1	1	2	2	3	12	21	17	26	26	26	26	26	26	26	26	26	26	26
95°	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**PHOTOMETRY NOTES**

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