

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. Minimum flange matches reflector finish.
- 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.

MECHANICAL SYSTEM

- 16-gauge galvanized steel mounting/plaster frame with friction support springs to retain optical system. Maximum 7/8" 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 hinged access covers and spring latch. 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.

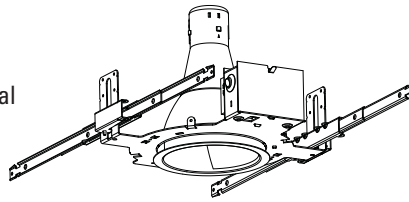
ELECTRICAL SYSTEM

- Rugged aluminum lampholder housing.
- Vertically-mounted, positive-latch, thermoplastic socket.
- Class P, thermally-protected, high power factor ballast(s) mounted to the junction box.
- Simply5™ technology available. SIMPLY5™ LIGHTING INTELLIGENCE

LISTING

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

Type Catalog number

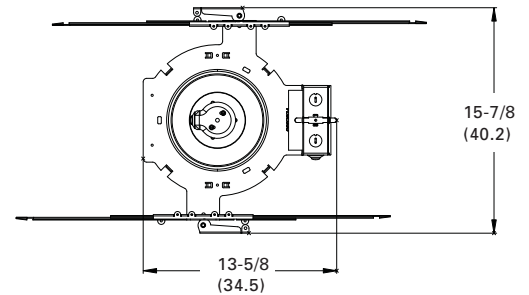
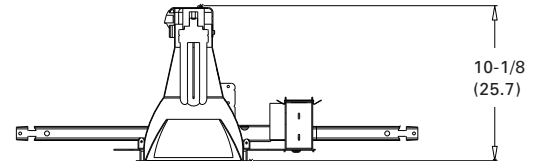


Compact Fluorescent Downlights

6" AFVW

Open Wallwash

Vertical Double Twin-Tube or Triple-tube Lamp



All dimensions are inches (centimeters)

*Maximum height depends on lamp wattage/type, 10-7/8 for 18DTT, 26DTT and 42 TRT; 10" for 13DTT, 18TR, 32TRT

ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line.

Example: **AFVW 32TRT 6AR MVOLT WLP**

AFVW

Series	Wattage/Lamp	Aperture/Trim color	Finish	Lens Type	Ballast ³	Options
AFVW	13DTT	6AR Clear	(blank) Semi-specular	(blank) No lens	(blank) Electronic ballast	WLP 3500°K lamp (shipped separately)
	18DTT	6PR Pewter	LD Matte-diffuse	CGL Clear glass lens	ECOS ⁴ EcoSystem electronic dimming ballast. Minimum dimming level 5%.	TRW White painted flange
	26DTT	6WTR Wheat		PCL Clear polycarbonate lens	ADEZ ^{4,8} Advance Mark X™ electronic dimming ballast. Minimum dimming level 5%.	TRBL Black painted flange
	18TRT	6WR ¹ White painted		CAL Clear acrylic lens	S5 ⁵ SIMPLY5™ system ballast	GSKT Foam gasketing
	26TRT				S5HW SIMPLY5™ system ballast less reloc	ELR ⁶ Emergency battery pack. Remote test switch provided
	32TRT					EL ^{6,7} Emergency battery pack with integral test switch
	42TRT					ELHL ^{6,7} High lumen output emergency battery pack. Integral test switch provided
						ELRHL ⁶ High lumen output emergency battery pack. Remote test switch provided
						GMF ⁸ Single, slow-blow fuse
						LRC ⁹ Provides compatibility with Lithonia Reloc System.
						HW Hardwire for S5 system; replaces Reloc
						CP ¹⁰ Chicago Plenum
						GLR ⁸ Single, fast blow fuse
						BDP ¹¹ Ballast disconnect plug
						CWW Corner wallwash
						DWW Double wallwash
						NSD ¹² Sensorswitch nLight™ dimming relay

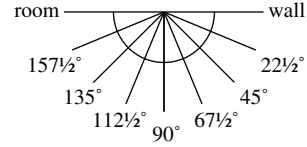
NOTES

- 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 For additional ballast types, refer to Technical Bulletins tab.
- 4 Not available with 13DTT.
- 5 Simply5™ includes 9' S5 MLC Reloc wiring system (shipped separately). Available in 120V or 277V only. Not available in 13W or 18W. See simply5.net for more information.
- 6 For dimensional changes, refer to Technical Bulletins tab.
- 7 Not available with lens.
- 8 Not available with MVOLT.
- 9 For compatible Reloc systems, refer to Technical Bulletins tab.
- 10 Not available with EL or ELR options.
- 11 Meets codes that require in-fixture disconnect.
- 12 One 5A relay with one 0-10 VDC dimming output, shipped installed. Requires additional nLight bus power supply.

6" AFVW Open Wallwash

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

AFVW 26TRT 6AR

PL-T 32/30/4P lamp

2400 rated lumens

Test no. LTL17606

Vertical Angle	Plane angle								
	Wall	22.5	45	67.5	90	112.5	135	157.5	
0	709	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			Luminaire mounted 3 ft. from wall			Luminaire mounted 3 ft. from wall		
	3 ft. between luminaires			4 ft. between luminaires			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

AFVW 32TRT 6AR

PL-T 42/30/4P lamp

3200 rated lumens

Test no. LTL 17607

Vertical Angle	Plane angle								
	Wall	22.5	45	67.5	90	112.5	135	157.5	
0	793	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			Luminaire mounted 3 ft. from wall			Luminaire mounted 3 ft. from wall		
	3 ft. between luminaires			4 ft. between luminaires			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

AFVW 26TRT 6AR CGL

PL-T 32/30/4P lamp

2400 rated lumens

Test no. LTL7719

Vertical Angle	Plane angle								
	Wall	22.5	45	67.5	90	112.5	135	157.5	
0	562	562	562	562	562	562	562	562	562
5	522	524	551	592	615	623	612	606	
15	414	437	497	563	605	653	668	655	
25	473	500	518	585	586	632	609	627	
35	429	432	429	440	478	470	458	457	
45	287	277	230	166	167	155	178	170	
55	121	124	112	26	3	3	4	3	
65	56	62	62	13	1	1	1	1	
75	27	26	27	5	0	0	0	0	
85	0	1	4	0	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			Luminaire mounted 3 ft. from wall			Luminaire mounted 3 ft. from wall		
	3 ft. between luminaires			4 ft. between luminaires			5 ft. between luminaires		
	3	3.5	4	3	3.5	4	3	3.5	4
1	5	5	5	4	3	4	4	2	4
2	11	10	11	8	7	8	7	5	7
3	16	15	16	13	10	13	12	7	12
4	16	17	16	12	13	12	11	9	11
5	14	14	14	10	11	10	8	9	8
6	12	12	12	9	9	9	7	8	7
7	10	10	10	7	8	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	5	6	5	4	4	4	3	4	3

AFVW 32TRT 6AR CGL

PL-T 42/30/4P lamp

3200 rated lumens

Test no. LTL7720

Vertical Angle	Plane angle								
	Wall	22.5	45	67.5	90	112.5	135	157.5	
0	792	792	792	792	792	792	792	792	792
5	735	742	777	834	871	882	873	858	
15	591	618	695	791	861	914	913	923	
25	618	666	702	767	774	843	811	835	
35	533	548	552	578	614	621	585	573	
45	346	352	293	248	233	231	234	238	
55	163	172	148	35	2	1	2	1	
65	72	83	80	15	0	0	0	0	
75	30	32	33	6	0	0	0	0	
85	0	0	3	0	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			Luminaire mounted 3 ft. from wall			Luminaire mounted 3 ft. from wall		
	3 ft. between luminaires			4 ft. between luminaires			5 ft. between luminaires		
	3	3.5	4	3	3.5	4	3	3.5	4
1	6	6	6	5	4	5	4	3	4
2	14	14	14	11	10	11	10	7	10
3	20	19	20	16	13	16	15	9	15
4	20	21	20	15	16	15	14	11	14
5	18	19	18	13	14	13	10	12	10
6	15	16	15	12	12	12	9	10	9
7	13	13	13	10	10	10	8	8	8
8	11	11	11	8	9	8	6	7	6
9	9	9	9	7	7	7	5	6	5
10	7	8	7	6	6	6	5	5	5

NOTES:

- For electrical characteristics consult Technical Bulletins tab.
- Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications are based on the most current available data and are subject to change without notice.

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