

FEATURES

OPTICAL SYSTEM

- Self-flanged, semi-specular or matte-diffuse reflector with hybrid finish wallwash kicker providing uniform vertical illumination and light high on the wall.
- Patented Vertisys®-Bounding Ray™ Optical Principle design (US Patent #5,800,050) provides lamp before lamp image. Lamp image that reflects smoothly from the top of the reflector to the aperture, providing optimal fixture performance and efficiency.

MECHANICAL SYSTEM

- 16-gauge galvanized steel mounting/plaster frame with integral yoke and flat spring to retain optical system. Maximum 1-5/8" 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 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.

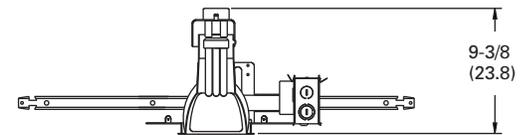
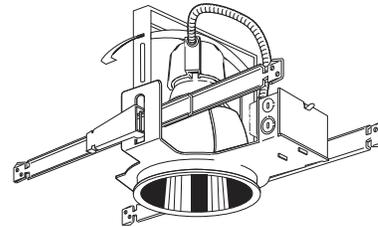
Type Catalog number

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Compact Fluorescent Downlights

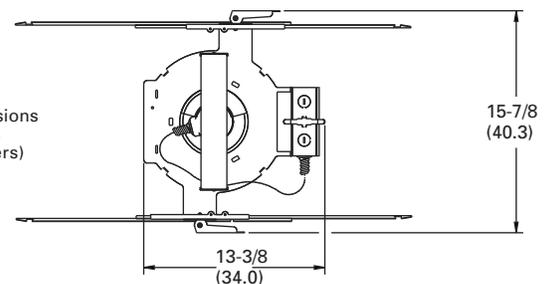
4" AFVW

Open Wallwash Vertical Lamp



Aperture: 4-5/16 (11)
 Ceiling Opening: 5-1/8 (13)
 Overlap Trim: 5-7/16 (13.8)

All dimensions
are inches
(centimeters)



ORDERING INFORMATION

Example: **AFVW 26TRT 4AR MVOLT WLP**

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

AFVW

Series	Wattage/Lamp	Aperture/Trimcolor	Finish	Lens type	Voltage	Ballast ³	Options
AFVW	13DTT	4AR Clear	(blank) Semi-specular	(blank) No lens	MVOLT²	(blank) Electronic ballast	ELR⁵ Emergency battery pack. Remote test switch
	13TRT	4PR Pewter	LD Matte-diffuse	CGL Clear glass lens	120	ECOS⁴ EcoSystem electronic dimming ballast. Minimum dimming level 5%.	GMF⁶ Single, slow-blow fuse
	18TRT	4UBR Umber			277	ADEZ^{4,7} Advance Mark 10 ^m dimming level 5%	GLR⁷ Single, fast-blow fuse
	26TRT	4WTR Wheat			347	S5⁵ SIMPLY5™ system ballast	TRW White painted flange (standard on MB and WB)
	32TRT	4WR¹ White painted					TRBL Black painted flange
							WLP With 3500°K lamp (shipped separately)
							LRC⁸ Provides compatibility with Lithonia Reloc System. Reloc System can be installed less this option with connectors provided by others. Access above ceiling required
							BDP⁹ Ballast disconnect plug
							HW Hardwire for S5 system; replaces Reloc
							ELRHL⁶ High lumen output emergency battery pack. Remote test switch provided
							NSD¹⁰ Sensor switch 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 60Hz.
- 3 For additional ballast types, refer to Technical Bulletins tab.
- 4 Not available 13DTT.
- 5 Simply5™ includes 9' S5 MLC Reloc wiring system (shipped separately). Available in 120V or 277V only. Not available in 18W. See simply5.net for more information.
- 6 For dimensional changes, refer to Technical Bulletins tab.
- 7 Not available with MVOLT.
- 8 For compatible Reloc systems, refer to Technical Bulletins tab.
- 9 Meets codes that require in-fixture disconnect.
- 10 One 5A relay with one 0-10 VDC dimming output, shipped installed. Requires additional nLight bus power supply.

Accessories

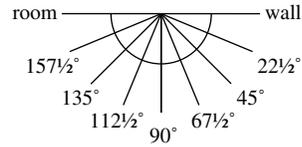
Order as separate catalog number.

SCA4 Sloped ceiling adapter. Degree of slope must be specified (10D, 15D, 20D, 25D, 30D). Ex: SCA4 **10D**

4" 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									
	Vertical angle	Plane angle								Luminaire 3' from wall on 3' centers			Luminaire 3' from wall on 4' centers							
		Room side				Wall side														
AFVW 18TRT 4AR																				
F18TBX/SPX35/A/4P																				
1200 rated lumens																				
Test no. LTL9962																				
	0°	157 1/2°	135°	112 1/2°	90°	67 1/2°	45°	22 1/2°	Wall											
	5°	303	303	303	303	303	300	285	274	267	1	4	3	4				3	2	3
	15°	344	353	345	328	318	299	285	273	263	2	8	8	8				7	5	7
	25°	283	301	298	278	284	281	276	274	269	3	11	10	11				9	7	9
	35°	208	218	225	214	215	227	234	232	236	4	10	10	10				7	7	7
	45°	81	91	102	113	124	141	158	169	183	5	8	9	9				6	6	7
	55°	5	5	6	6	10	30	75	95	102	6	7	7	7				5	5	5
	65°	2	2	2	2	3	11	37	44	44	7	5	6	6				4	4	4
	75°	1	1	1	1	2	5	16	20	21	8	4	4	4				3	4	3
	85°	0	0	0	0	0	1	3	3	3	9	3	3	4				3	3	3
	90°	0	0	0	0	0	0	0	0	0	10	3	3	3				2	2	2

NOTES:

- 1 For electrical characteristics, refer to Technical Bulletins tab.
- 2 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.

DCF-330

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