



Gotham Architectural Downlighting
Vandal Resistant Compact Fluorescent Downlights

8" VRAFV
Lightshield™

Vertical Double Twin-Tube or
Triple-Tube Lamp

FEATURES

OPTICAL SYSTEM

- Self-flanged semi-specular or matte-diffuse reflector. Patented Vertisys® - 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.
- Marine-grade die-cast aluminum bezel, low copper alloy (<1% copper). Matte white (DWHG) standard. Stainless steel Torx® T20 tamper-resistant screws.
- Perimeter lens gasket is one-piece closed-cell silicone "O" ring. Perimeter ceiling gasket is closed-cell silicone that seals bezel to ceiling.

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 electronic 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 wet locations. Listed and labeled to comply with Canadian standards.
- IP55 rating (below the mounting surface) is standard. IP65 rating possible with the use of silicone.

WARRANTY

- 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

ORDERING INFORMATION

EXAMPLE: VRAFV 32TRT 8AR FOL MVOLT WLP DWHG

Series	Wattage/Lamp	Aperture/Trim color	Finish	Lens type	Voltage	Ballast ⁴
VRAFV	13DTT	8AR Clear	(blank) Semi-specular	CGL 1/8" clear glass lens	MVOLT³ 120 277 347	(blank) Electronic ballast
	18DTT	8PR Pewter	LD Matte-diffuse	T73 3/16" tempered prismatic glass lens		ECOS^{5,5} EcoSystem® electronic dimming ballast. Minimum dimming level 5%.
	26DTT	8WTR Wheat		FOL 1/8" tempered flush opal glass lens		ADEZ^{5,6} Advance Mark 10® electronic dimming ballast. Minimum dimming level 5%
	13TRT	8WR¹ White painted		CVX 3/16" clear convex glass lens		S5⁷ SIMPLY5™ system ballast
	18TRT			PCL² 3/16" clear polycarbonate lenses		
	26TRT			PPC² 1/8" prismatic polycarbonate lenses		
	32TRT					
	42TRT					

Options

ELR^{6,8}	Emergency battery pack. Remote test switch	BDP^{10,11}	Ballast disconnect plug	DBL	Black
ELRHL^{6,8}	High lumen output emergency battery pack. Remote test switch provided	HW	Hardwire for S5 system; replace RELOC	DWH	Gloss white
GMF⁶	Single, slow-blow fuse	NEPP	Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01 .	DMB	Medium bronze
GLR⁶	Single, fast-blow fuse	WG	Zinc-plated wire guard	DNA	Natural aluminum
WLP	With 3500 K lamp (shipped separately)	PCU¹²	3/16" clear polycarbonate lens underlay (roomside)	Architectural Colors - Plating	
RRL⁹	RELOC®-ready luminaire. Provides compatibility with Lithonia RELOC system. Access above ceiling required.	WRL¹³	Wattage restriction label	PWR	Pewter
CP¹⁰	Chicago plenum	Architectural Colors - Powder Paint¹⁴		SCH	Satin chrome
		DWHG	Matte white (standard)	ORB	Oil-rubbed bronze
		DDB	Dark bronze		

8" VRAFV

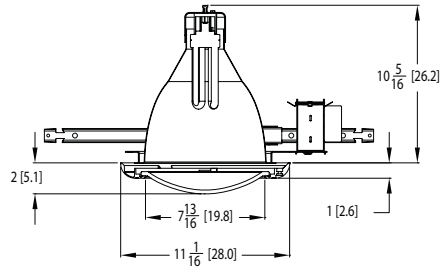
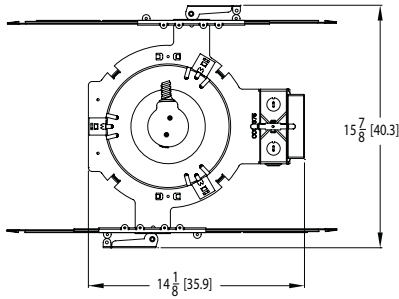
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DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



Aperture: 7-7/8(20.1)
 Ceiling Opening: 8-7/8 (21.5)

DIMENSIONAL NOTES

- Maximum height depends on lamp wattage/type: 11" for 18DTT, 26DTT and 42TRT; 10-1/8" for 13DTT, 13TRT, 18TRT, 26TRT and 32TRT.

NOTES

ORDERING NOTES

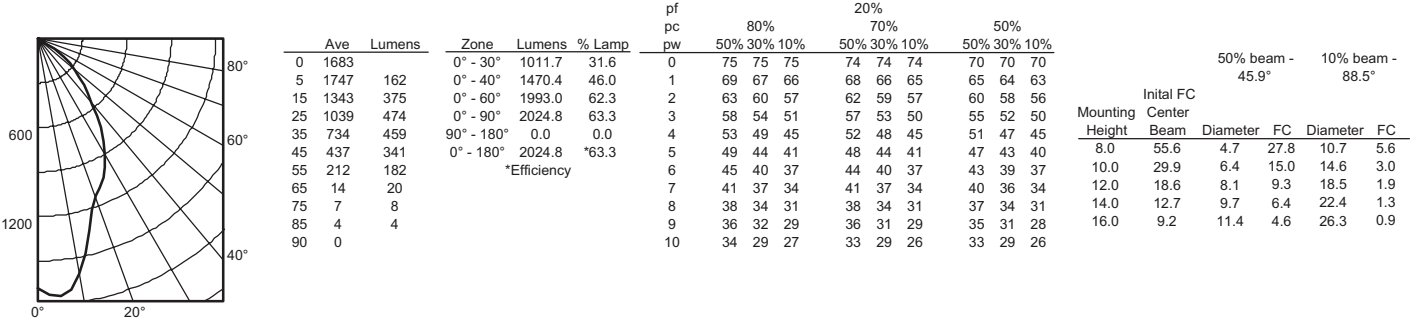
- | | |
|--|---|
| <ol style="list-style-type: none"> Not available with finishes. Provided standard with clear polycarbonate underlay (2 lenses total). Multi-volt electronic ballast capable of operating on any voltage from 120V through 277V, 50 or 60 Hz. For additional ballast types, refer to TECH-250. Not available with 13W. Available in 120V or 277V only. SIMPLY5™ includes 9' S5 MLC RELOC wiring system (shipped separately). Available in 120V or 277V only. Not available in 13W or 18W. See www.simply5.net for more information. | <ol style="list-style-type: none"> For dimensional changes, refer to TECH-140. For compatible RELOC systems, refer to TECH-110. Not available with ELR or ELRHL option. Meets codes that require in-fixture disconnect. Not available with CVX, PCL or PPC lens. Must specify wattage. Ex.: WRL32 Additional architectural colors available; see www.lithonia.com/archcolors. |
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Distribution Curve Distribution Data Output Data Coefficient of Utilization Illuminance: Single Luminaire 30" Above Floor

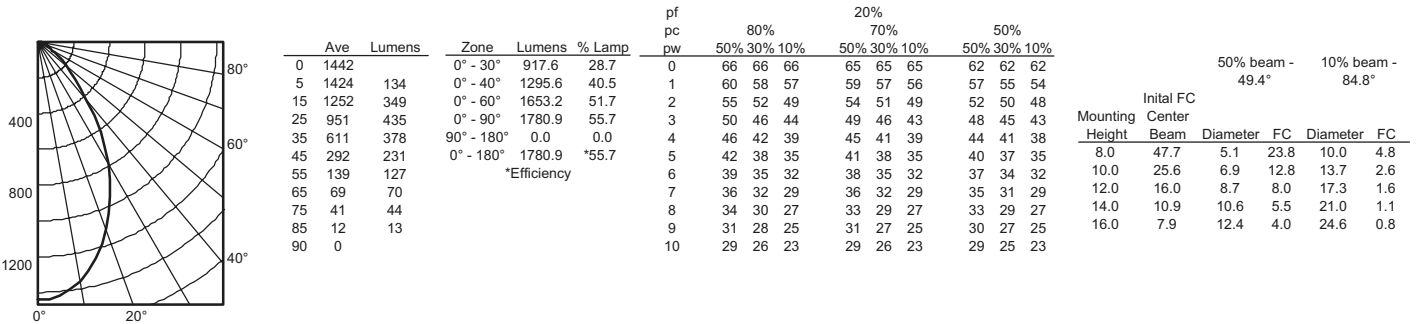
VRAFV 1/42TRT 8AR CGL

(1) 42W LAMP, 3200 RATED LUMENS, 0.8 S/MH TEST NO. LTL20706



VRAFV 1/42TRT 8AR T73

(1) 42W LAMP, 3200 RATED LUMENS, 0.9 S/MH TEST NO. LTL20705



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.