



Gotham Architectural Downlighting  
Vandal Resistant Compact Fluorescent Downlights

**6" 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](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

ORDERING INFORMATION

**EXAMPLE: VRAFV 32TRT 6AR FOL MVOLT DWHG**

Series	Wattage/Lamp	Aperture/Trim color	Finish	Lens type	Voltage	Ballast <sup>4</sup>
<b>VRAFV</b>	<b>13DTT</b>	<b>6AR</b> Clear	(blank) Semi-specular	<b>CGL</b> 1/8" clear glass lens	<b>MVOLT<sup>3</sup></b> <b>120</b> <b>277</b> <b>347</b>	(blank) Electronic ballast
	<b>18DTT</b>	<b>6PR</b> Pewter	<b>LD</b> Matte-diffuse	<b>T73</b> 3/16" tempered prismatic glass lens		<b>ECOS<sup>5,5</sup></b> EcoSystem® electronic dimming ballast. Minimum dimming level 5%.
	<b>26DTT</b>	<b>6WTR</b> Wheat		<b>FOL</b> 1/8" tempered flush opal glass lens		<b>ADEZ<sup>5,6</sup></b> Advance Mark 10® electronic dimming ballast. Minimum dimming level 5%
	<b>13TRT</b>	<b>6WR<sup>1</sup></b> White painted		<b>CVX</b> 3/16" clear convex glass lens		<b>S5<sup>7</sup></b> SIMPLY5™ system ballast
	<b>18TRT</b>			<b>PCL<sup>2</sup></b> 3/16" clear polycarbonate lenses		
	<b>26TRT</b>			<b>PPC<sup>2</sup></b> 1/8" prismatic polycarbonate lenses		
	<b>32TRT</b>					
	<b>42TRT</b>					

Options

<b>ELR<sup>6,8</sup></b>	Emergency battery pack. Remote test switch	<b>BDP<sup>10,11</sup></b>	Ballast disconnect plug	<b>DBL</b>	Black
<b>ELRHL<sup>6,8</sup></b>	High lumen output emergency battery pack. Remote test switch provided	<b>HW</b>	Hardwire for S5 system; replaces RELOC	<b>DWH</b>	Gloss white
<b>GMF<sup>6</sup></b>	Single, slow-blow fuse	<b>NEPP</b>	Interface for Sensor Switch® nLight® network with integral power supply. Refer to <a href="#">TN-623-01</a> .	<b>DMB</b>	Medium bronze
<b>GLR<sup>6</sup></b>	Single, fast-blow fuse	<b>WG</b>	Zinc-plated wire guard	<b>DNA</b>	Natural aluminum
<b>WLP</b>	With 3500 K lamp (shipped separately)	<b>PCU<sup>12</sup></b>	3/16" clear polycarbonate lens underlay (roomside)	<b>Architectural Colors - Plating</b>	
<b>RRL<sup>9</sup></b>	RELOC®-ready luminaire. Provides compatibility with Lithonia RELOC system. Access above ceiling required.	<b>WRL<sup>13</sup></b>	Wattage restriction label	<b>PWR</b>	Pewter
<b>CP<sup>10</sup></b>	Chicago plenum	<b>Architectural Colors - Powder Paint<sup>14</sup></b>		<b>SCH</b>	Satin chrome
		<b>DWHG</b>	Matte white (standard)	<b>ORB</b>	Oil-rubbed bronze
		<b>DDB</b>	Dark bronze		

## 6" VRAFV

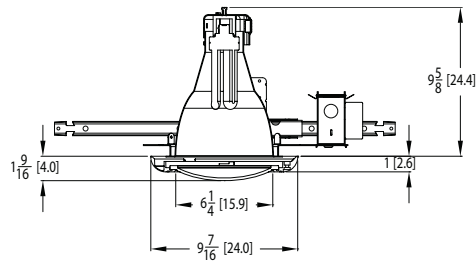
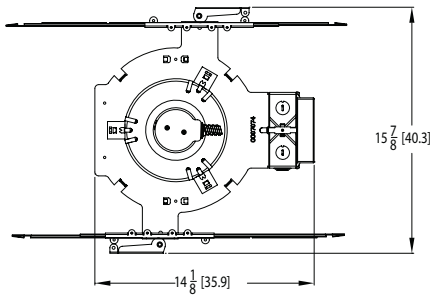
### Lightshield™

Vertical Double Twin-Tube or Triple-Tube Lamp



DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



Aperture: 6-1/4 (15.9)  
Ceiling Opening: 7-1/8 (18.1)

#### DIMENSIONAL NOTES

- Maximum height depends on lamp wattage/type: 10-3/4" for 18DTT, 26DTT and 42TRT; 9-3/8" for 13DTT, 18TRT, 26TRT and 32TRT.

NOTES

#### ORDERING NOTES

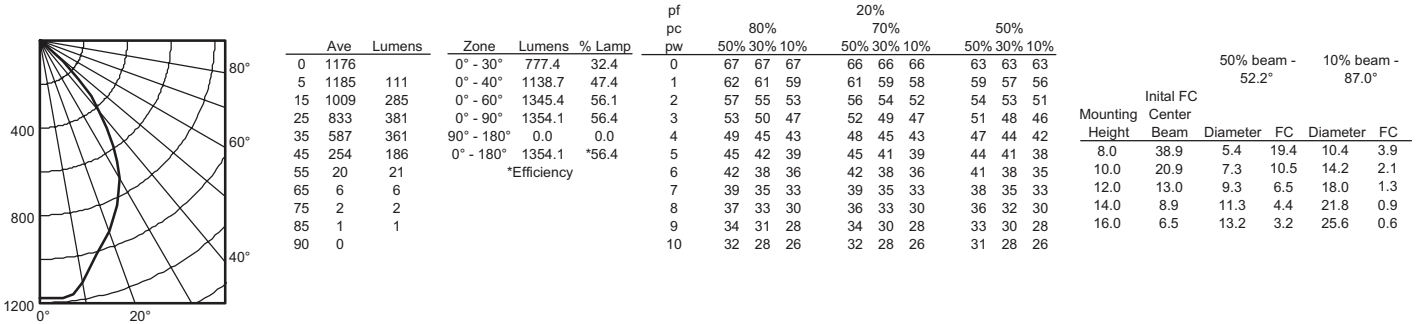
- Not available with finishes.
- Provided standard with clear polycarbonate underlay (2 lenses total).
- Multi-volt electronic ballast capable of operating on any voltage from 120V through 277V, 50 or 60 Hz.
- For additional ballast types, refer to [TECH-250](#).
- Not available with 13W.
- Available 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](http://www.simply5.net) for more information.
- 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](http://www.lithonia.com/archcolors).



Distribution Curve    Distribution Data    Output Data    Coefficient of Utilization    Illuminance: Single Luminaire 30" Above Floor

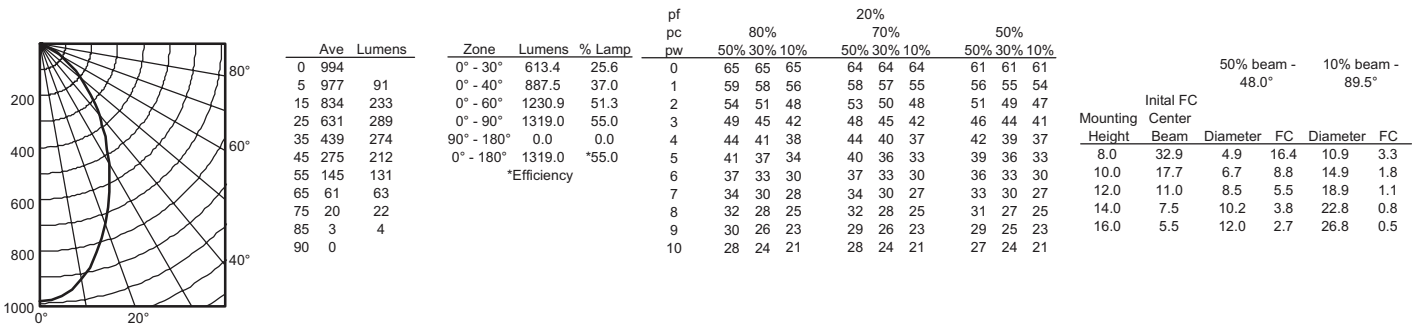
**VRAFV 1/32TRT 6AR CGL**

(1) 32W LAMP, 2400 RATED LUMENS, 1.0 S/MH TEST NO. LTL20567



**VRAFV 1/32TRT 6AR T73**

(1) 32W LAMP, 2400 RATED LUMENS, 0.9 S/MH TEST NO. LTL20568



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.