



Gotham Architectural Downlighting
Renovation Compact Fluorescent Downlights

8" LGFVI
Round Lens

Vertical DTT or TRT Lamp

FEATURES

OPTICAL SYSTEM

- Aluminum upper reflector coated with highly reflective white paint provides high efficiency and an evenly illuminated aperture appearance.
- Available with tempered prismatic lens (T73), flat fresnel lens (FFL) or flat opal lens (FOL).
- Regressed white door (RW) or stepped black baffle (SB) are available with white painted flange provided.
- Door is retained by self-aligning, torsion support springs, preventing gaps between door and ceiling.

MECHANICAL SYSTEM

- Pre-wired galvanized steel junction box mounted to reflector is provided with removable access cover. No. 12 AWG conductors rated for 90°C.
- Three (3) swinggate brackets allow for installation from below the ceiling. Suitable for ceiling thickness ranging from 5/8" (1.59cm) to 1" (2.54cm).

ELECTRICAL SYSTEM

- Rugged aluminum lampholder housing.
- Vertically-mounted, four-pin, positive-latch, thermoplastic socket.

- Thermally protected, high-power-factor electronic ballast (50/60Hz) mounted to the junction box.

LISTING

- Fixtures are UL Listed, non-IC recessed mounting and wet locations.

WARRANTY

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

ORDERING INFORMATION

EXAMPLE: LGFVI 32TRT 8RW T73 MVOLT

Series	Wattage/Lamp	Aperture/Trim color	Lens type	Voltage	Ballast	Options
LGFVI	13DTT	8RW	T73	MVOLT ¹ 120 277	(blank) Electronic ballast ECOS Lutron EcoSystem® electronic dimming ballast. Minimum dimming level 5%. ADEZ ² Advance Mark 10® electronic dimming ballast. Minimum dimming level 5%	GMF ² Single, slow-blow fuse GLR ² Single, fast-blow fuse GSKT Foam gasketing TRW White painted flange TRBL Black painted flange TRDA Tamper-resistant door assembly WLP With 3500 K lamp (shipped separately)
	18DTT					
	26DTT	8SB Stepped black baffle	PPC Prismatic polycarbonate lens			
	13TRT	8RA				
	18TRT					
	26TRT					
	32TRT					
	42TRT					

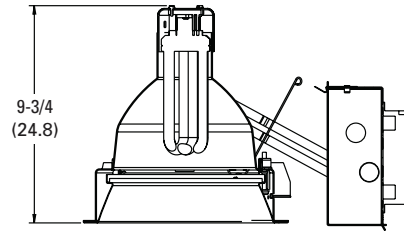
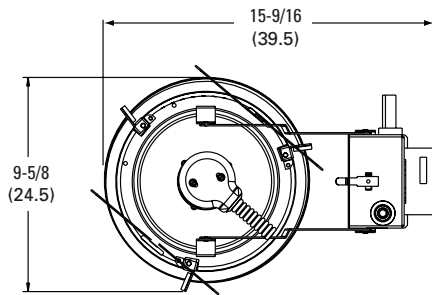
NOTES

ORDERING NOTES

1. Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60 Hz.
2. Available in 120V or 277V only.

DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.

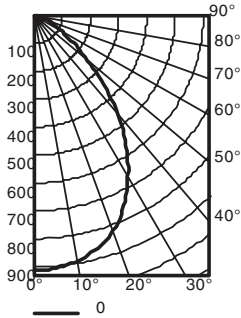


Aperture: 7-7/8 (20)
Ceiling Opening: 8-3/8 (21.3)
Overlap Trim: 9-1/4 (23.5)

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

LGFVI 42TRT 8RW T73

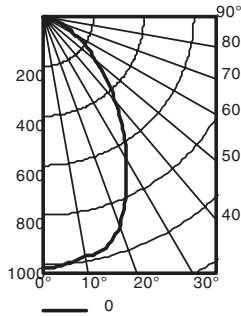
42TRT LAMP, 1.1 S/MH, 3200 RATED LUMENS, TEST NO. LTL14206



From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	20%						50% beam angle					
						pc	80%		70%		50%		58.1°					
						pw	50%	30%	50%	30%	50%	30%	Mount	fc at	fc at			
													height	at beam	beam	beam		
													center	diameter	diameter	diameter		
0	913		0° - 30°	673.3	21.0	1	.53	.51	.52	.50	.49		8	30.2	6.1	15.1	12.0	3.0
5	909	86	0° - 40°	1027.0	32.1	2	.48	.45	.47	.44	.45	.43	10	16.2	8.3	8.1	16.4	1.6
15	864	243	0° - 60°	1451.9	45.4	3	.43	.40	.42	.39	.41	.38	12	10.1	10.6	5.1	20.7	1.0
25	752	344	0° - 90°	1572.5	49.1	4	.39	.35	.38	.35	.37	.34	14	6.9	12.8	3.5	25.1	0.7
35	569	354	90° - 180°	0.0	0.0	5	.36	.32	.35	.32	.34	.31	16	5.0	15.0	2.5	29.4	0.5
45	350	270	0° - 180°	1572.5	*49.1	6	.33	.29	.32	.29	.31	.28						
55	170	155			*E efficiency	7	.30	.26	.30	.26	.29	.26						
65	79	80				8	.28	.24	.27	.24	.27	.24						
75	29	33				9	.26	.22	.25	.22	.25	.22						
85	7	8				10	.24	.20	.24	.20	.23	.20						
90	0																	

LGFVI 42TRT 8RW FFL

42TRT LAMP, 1.0 S/MH, 3200 RATED LUMENS, TEST NO. LTL14207



From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	20%						50% beam angle					
						pc	80%		70%		50%		54.8°					
						pw	50%	30%	50%	30%	50%	30%	Mount	fc at	fc at	fc at		
													height	at beam	beam	beam		
													center	diameter	diameter	diameter		
0	1013		0° - 30°	721.8	22.6	1	.56	.55	.55	.54	.53	.52	8	33.5	5.7	16.7	11.8	3.3
5	1004	95	0° - 40°	1067.7	33.4	2	.51	.48	.50	.47	.48	.46	10	18.0	7.8	9.0	16.1	1.8
15	966	269	0° - 60°	1529.5	47.8	3	.46	.42	.45	.42	.43	.41	12	11.2	9.9	5.6	20.4	1.1
25	781	358	0° - 90°	1682.7	52.6	4	.41	.38	.41	.37	.40	.36	14	7.7	11.9	3.8	24.7	0.8
35	554	346	90° - 180°	0.0	0.0	5	.38	.34	.37	.33	.36	.33	16	5.6	14.0	2.8	29.0	0.6
45	354	275	0° - 180°	1682.7	*52.6	6	.35	.30	.34	.30	.33	.30						
55	208	187			*E efficiency	7	.32	.28	.31	.28	.31	.27						
65	103	103				8	.29	.25	.29	.25	.28	.25						
75	36	40				9	.27	.23	.27	.23	.26	.23						
85	9	10				10	.25	.22	.25	.22	.25	.21						
90	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.