



Gotham Architectural Downlighting
Renovation Compact Fluorescent Downlights

8" LGFI
Round Lens

Wet Location
Horizontal 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

- Galvanized steel lampholder housing.
- Horizontally-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 for thru-branch wiring, non-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

WARRANTY

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

ORDERING INFORMATION

EXAMPLE: LGFI 2/26TRT 8RW T73 MVOLT

Series	Wattage/Lamp	Aperture/Trim color	Lens type	Voltage	Ballast	Options
LGFI	1/13DTT	2/13DTT	8RW Regressed white door	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)
	1/18DTT	2/18DTT				
	1/26DTT	2/26DTT	8SB Stepped black baffle			
	1/13TRT	2/13TRT				
	1/18TRT	2/18TRT	8RA Regressed anodized			
	1/26TRT	2/26TRT				
	1/32TRT	2/32TRT				
	1/42TRT	2/42TRT				
			T73 Tempered prismatic lens			
			FFL Flat fresnel lens			
			FOL Flat opal lens			
			PPC Prismatic polycarbonate lens			

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.

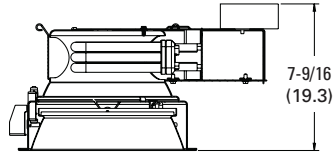
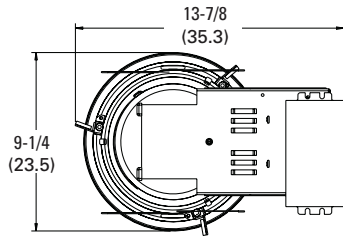
**8" LGFI
Round Lens**

Wet Location, Horizontal DTT or TRT Lamp



DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.

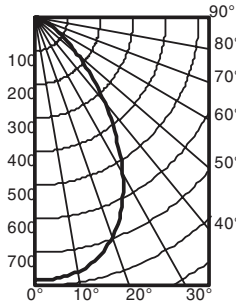


Aperture:	7-7/8 (20)
Ceiling Opening:	8-5/8 (21.9)
Overlap Trim:	9-1/4 (23.5)

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

LGFI 1/42TRT 8RW T73

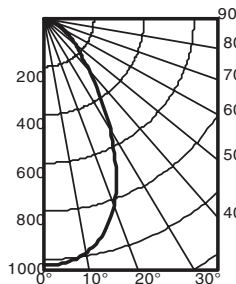
42TRT LAMP, 1.1 S/MH, 3200 RATED LUMENS, TEST NO. LTL14210



From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	20%				50% beam angle			10% beam angle						
						pc	80%		70%		50%		56.4°			91.6°				
							pw	50%	30%	50%	30%	50%	30%	50%	30%	50%	30%	50%		
0	781		0° - 30°	566.9	17.7			.41	.40	.40	.39	.39	.38	Initial fc		fc at		fc at		
5	780	74	0° - 40°	835.4	26.1	1		.37	.35	.36	.35	.35	.34	Mount at beam	Beam	beam	Beam	beam		
15	741	208	0° - 60°	1129.4	35.3	2		.34	.31	.33	.31	.32	.30	height	center	diameter	edge	diameter	edge	
25	625	285	0° - 90°	1215.5	38.0	3		.28	.25	.28	.25	.27	.25	8	25.8	5.9	12.9	11.3	2.6	
35	431	269	90° - 180°	0.0	0.0	4		.26	.23	.25	.23	.25	.22	10	13.9	8.0	6.9	15.4	1.4	
45	243	188	0° - 180°	1215.5	*38.0	5		.24	.21	.23	.21	.23	.21	12	8.7	10.2	4.3	19.5	0.9	
55	116	106																		
65	55	56																		
75	22	24																		
85	5	6																		
90	0																			

LGFI 1/42TRT 8RW FFL

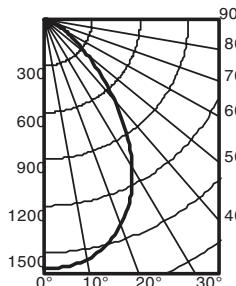
42TRT LAMP, 0.9 S/MH, 3200 RATED LUMENS, TEST NO. LTL14211



From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	20%				50% beam angle			10% beam angle						
						pc	80%		70%		50%		49.7°			83.7°				
							pw	50%	30%	50%	30%	50%	30%	50%	30%	50%	30%	50%		
0	1023		0° - 30°	662.4	20.7			.43	.42	.43	.41	.41	.40	Initial fc		fc at		fc at		
5	1017	96	0° - 40°	909.6	28.4	1		.39	.37	.39	.37	.37	.36	Mount at beam	Beam	beam	Beam	beam		
15	922	257	0° - 60°	1186.5	37.1	2		.36	.33	.35	.33	.34	.32	height	center	diameter	edge	diameter	edge	
25	679	309	0° - 90°	1284.0	40.1	3		.33	.30	.32	.30	.31	.29	8	33.8	5.1	16.9	9.9	3.4	
35	397	247	90° - 180°	0.0	0.0	4		.30	.27	.30	.27	.29	.27	10	18.2	6.9	9.1	13.4	1.8	
45	207	163	0° - 180°	1284.0	*40.1	5		.28	.25	.27	.25	.27	.24	12	11.3	8.8	5.7	17.0	1.1	
55	127	114																		
65	65	65																		
75	24	26																		
85	6	6																		
90	0																			

LGFI 2/42TRT 8RW T73

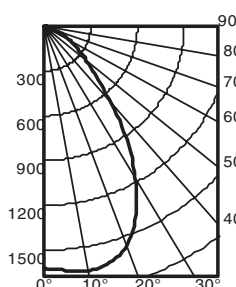
42TRT LAMP, 1.1 S/MH, 3200 RATED LUMENS, TEST NO. LTL14198



From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	20%				50% beam angle			10% beam angle						
						pc	80%		70%		50%		56.1°			91.6°				
							pw	50%	30%	50%	30%	50%	30%	50%	30%	50%	30%	50%		
0	1603		0° - 30°	1152.6	18.0			.42	.41	.41	.40	.40	.39	Initial fc		fc at		fc at		
5	1597	151	0° - 40°	1708.0	26.7	1		.38	.36	.37	.35	.36	.34	Mount at beam	Beam	beam	Beam	beam		
15	1502	421	0° - 60°	2313.3	36.1	2		.34	.32	.34	.32	.33	.31	height	center	diameter	edge	diameter	edge	
25	1270	580	0° - 90°	2487.5	38.9	3		.31	.29	.31	.28	.30	.28	8	53.0	5.9	26.5	11.3	5.3	
35	893	555	90° - 180°	0.0	0.0	4		.29	.26	.28	.26	.28	.25	10	28.5	8.0	14.2	15.4	2.8	
45	500	388	0° - 180°	2487.5	*38.9	5		.26	.23	.26	.23	.25	.23	12	17.8	10.1	8.9	19.5	1.8	
55	238	218																		
65	112	113																		
75	44	49																		
85	11	12																		
90	0																			

LGFI 2/42TRT 8RW FFL

42TRT LAMP, 1.1 S/MH, 3200 RATED LUMENS, TEST NO. LTL14217



From 0°	Ave	Lumens	Zone	Lumens	% Lamp	pf	20%				50% beam angle			10% beam angle						
						pc	80%		70%		50%		58.1°			90.9°				
							pw	50%	30%	50%	30%	50%	30%	50%	30%	50%	30%	50%		
0	1621		0° - 30°	1250.0	19.5			.45	.43	.44	.42	.42	.41	Initial fc		fc at		fc at		
5	1640	157	0° - 40°	1823.2	28.5	1		.40	.38	.40	.38	.38	.37	Mount at beam	Beam	beam	Beam	beam		
15	1638	460	0° - 60°	2442.3	38.2	2		.37	.34	.36	.33	.35	.33	height	center	diameter	edge	diameter	edge	
25	1390	633	0° - 90°	2643.9	41.3	3		.33	.30	.33	.30	.32	.29	8	53.6	6.1	26.8	11.2	5.4	
35	924	573	90° - 180°	0.0	0.0	4		.30	.27	.30	.27	.29	.27	10	28.8	8.3	14.4	15.2	2.9	
45	481	379	0° - 180°	2643.9	*41.3	5		.28	.25	.28	.25	.27	.24	12	18.0	10.6	9.0	19.3	1.8	
55	266	240																		
65	135	135																		
75	51	54																		
85	11	13																		
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.