



Gotham Architectural Downlighting
Compact Fluorescent Downlights

8" LGFLP
Lensed Low Profile

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 clear glass lens (CGL), tempered prismatic lens (T73), Solite lens (SOL), flat opal lens (FOL), or prismatic polycarbonate lens (PPC).
- Regressed white door (RW), stepped black baffle (SB) or regressed anodized door (RA) with white painted flange.
- Door is retained by self-aligning, torsion support springs, preventing gaps between door and ceiling.

MECHANICAL SYSTEM

- 16-gauge galvanized steel mounting/plaster frame. Maximum 1-1/4" ceiling thickness.
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped preinstalled. Post-installation adjustment possible without the use of tools from above or below 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.
- Low-profile design allows for 4-3/8" fixture depth above ceiling.

ELECTRICAL SYSTEM

- Galvanized steel lampholder housing.
- Horizontally mounted, four-pin, positive-latch, thermoplastic socket(s).
- Class P, thermally protected, high-power-factor electronic ballast(s) mounted to the junction box.

LISTING

- Fixtures are UL Listed for thru-branch wiring, non-IC recessed mounting and wet 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: LGFLP 1/26TRT 8RW T73 MVOLT

Series	Wattage/Lamp	Door frame	Lens type	Voltage	Ballast ²
LGFLP	1/18DTT	8RW Regressed white door	CGL Clear glass lens	MVOLT ¹	(blank) Electronic ballast
	1/26DTT	8SB Stepped black baffle	SOL Solite lens	120	ECOS ^{1,4} EcoSystem® electronic dimming ballast. Minimum dimming level 5%
	2/18DTT	8RA Regressed anodized door	FOL Flat opal lens	277	ADEZ ³ Advance Mark 10® electronic dimming ballast. Minimum dimming level 5%
	2/26DTT		PPC Prismatic polycarbonate lens	347	ADZT ³ Advance Mark 7® electronic dimming ballast. Minimum dimming level 5%
	1/18TRT				
	1/26TRT				
	1/32TRT				
	1/42TRT				
	2/18TRT				
	2/26TRT				
	2/32TRT				
	2/42TRT				

Options

ELR ⁵	Emergency battery pack, remote test switch	NPP16D EFP	nLight network power/relay pack with 0-10V dimming.
ELRHL ⁵	High lumen output emergency battery pack, remote test switch provided	NPP16D ER EFP	nLight network power/relay pack with 0-10V dimming. ER controls fixtures on emergency circuit.
GMF ³	Single, slow-blow fuse		
GLR ³	Single, fast-blow fuse	WRL ⁷	Wattage restriction label
TRBL	Black painted flange		
TRDA	Tamper-resistant door assembly		
DS	Dual switching		
CP ⁶	Chicago plenum		
WLP	With 3500 K lamp (shipped separately)		

8" LGFLP

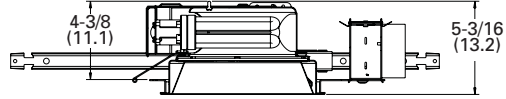
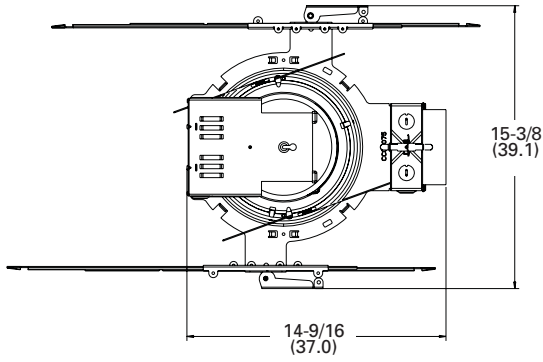
Lensed Low Profile

Wet Location, Horizontal DTT or TRT Lamp



DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



Aperture: 7-7/8 (20.1)
Ceiling Opening: 8-7/8 (22.5)
Overlap Trim: 9-1/4 (23.5)

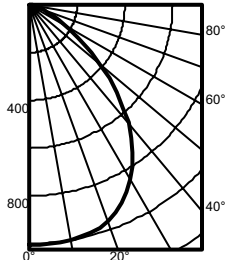
NOTES

ORDERING NOTES

1. Multi-volt electronic ballast capable of operating on any voltage from 120V through 277V, 50 or 60 Hz.
2. For additional ballast types, refer to [TECH-250](#).
3. Available in 120V or 277V only.
4. 2/242TRT Option only available with DS (Dual Switching) option.
5. For dimensional changes, refer to [TECH-140](#).
6. Not available with emergency options.
7. Must specify wattage. Ex.: WRL32

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

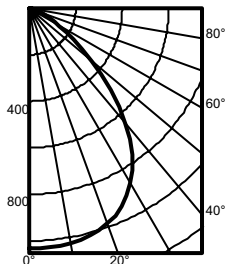
LGFLP 2/32TRT 8RW SOL (2) CF32TRT, 2400 LUMENS PER LAMP, 1.2 S/MH, TEST NO. LTL19189



Ave Lumens	Zone Lumens	% Lamp	pf pc pw	80%			20%			50%					
				50%	30%	10%	50%	30%	10%	50%	30%	10%			
0	1006			0	51	51	51	50	50	50	48	48	48		
5	1004	96	0° - 30°	794.6	16.6	1	46	45	44	45	44	43	44	43	42
15	988	279	0° - 40°	1264.2	26.3	2	42	39	37	41	39	37	39	37	36
25	916	420	0° - 60°	1907.2	39.7	3	37	34	32	37	34	32	35	33	31
35	755	470	0° - 90°	2072.8	43.2	4	34	30	28	33	30	28	32	29	27
45	518	398	90° - 180°	0.0	0.0	5	31	27	25	30	27	25	29	26	24
55	271	245	0° - 180°	2072.8	*43.2	6	28	24	22	27	24	22	27	24	22
65	111	113				7	25	22	20	25	22	20	24	22	19
75	37	42				8	23	20	18	23	20	18	23	20	18
85	9	11				9	22	18	16	21	18	16	21	18	16
90	0					10	20	17	15	20	17	15	19	17	15

Mounting Center		50° beam - 63.4°		10° beam - 100.4°	
Height	Beam Diameter	FC Diameter	FC	Diameter	FC
8.0	33.3	6.8	16.6	13.2	3.3
10.0	17.9	9.3	8.9	18.0	1.8
12.0	11.1	11.7	5.6	22.8	1.1
14.0	7.6	14.2	3.8	27.6	0.8
16.0	5.5	16.7	2.8	32.4	0.6

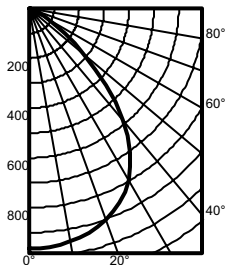
LGFLP 2/32TRT 8RW T73 (2) CF32TRT, 2400 LUMENS PER LAMP, 1.2 S/MH, TEST NO. LTL19188



Ave Lumens	Zone Lumens	% Lamp	pf pc pw	80%			20%			50%					
				50%	30%	10%	50%	30%	10%	50%	30%	10%			
0	1034			0	50	50	50	49	49	49	47	47	47		
5	1033	98	0° - 30°	814.8	17.0	1	46	44	43	45	43	42	43	42	41
15	1011	285	0° - 40°	1292.7	26.9	2	41	39	37	40	38	36	39	37	35
25	940	431	0° - 60°	1887.3	39.3	3	37	34	32	36	34	32	35	33	31
35	770	478	0° - 90°	2031.4	42.3	4	33	30	28	33	30	28	32	29	27
45	498	382	90° - 180°	0.0	0.0	5	30	27	25	30	27	25	29	26	24
55	233	213	0° - 180°	2031.4	*42.3	6	28	24	22	27	24	22	27	24	22
65	96	97				7	25	22	20	25	22	20	24	22	20
75	33	37				8	23	20	18	23	20	18	23	20	18
85	8	9				9	22	18	16	21	18	16	21	18	16
90	0					10	20	17	15	20	17	15	19	17	15

Mounting Center		50° beam - 63.3°		10° beam - 98.5°	
Height	Beam Diameter	FC Diameter	FC	Diameter	FC
8.0	34.2	6.8	17.1	12.8	3.4
10.0	18.4	9.3	9.2	17.4	1.8
12.0	11.5	11.7	5.7	22.0	1.1
14.0	7.8	14.2	3.9	26.7	0.8
16.0	5.7	16.7	2.8	31.3	0.6

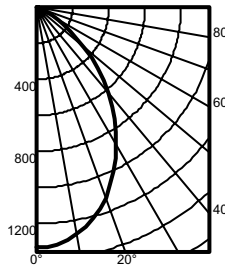
LGFLP 2/32TRT 8SB SOL (2) CF32TRT, 2400 LUMENS PER LAMP, 1.2 S/MH, TEST NO. LTL19185



Ave Lumens	Zone Lumens	% Lamp	pf pc pw	80%			20%			50%					
				50%	30%	10%	50%	30%	10%	50%	30%	10%			
0	965			0	43	43	43	42	42	42	40	40	40		
5	961	91	0° - 30°	748.4	15.6	1	39	38	37	38	37	37	37	36	35
15	930	262	0° - 40°	1184.2	24.7	2	36	34	32	35	33	32	34	32	31
25	860	395	0° - 60°	1680.1	35.0	3	32	30	28	32	30	28	31	29	27
35	703	436	0° - 90°	1731.9	36.1	4	29	27	25	29	27	25	28	26	24
45	437	335	90° - 180°	0.0	0.0	5	27	24	22	26	24	22	26	23	22
55	175	161	0° - 180°	1731.9	*36.1	6	24	22	20	24	22	20	24	21	20
65	45	47				7	22	20	18	22	20	18	22	19	18
75	2	4				8	21	18	16	20	18	16	20	18	16
85	0	0				9	19	17	15	19	17	15	19	16	15
90	0					10	18	15	14	18	15	14	17	15	14

Mounting Center		50° beam - 62.7°		10° beam - 97.1°	
Height	Beam Diameter	FC Diameter	FC	Diameter	FC
8.0	31.9	6.7	15.9	12.4	3.2
10.0	17.2	9.1	8.6	17.0	1.7
12.0	10.7	11.6	5.3	21.5	1.1
14.0	7.3	14.0	3.6	26.0	0.7
16.0	5.3	16.4	2.6	30.5	0.5

LGFLP 2/32TRT 8RA SOL (2) CF32TRT, 2400 LUMENS PER LAMP, 1.0 S/MH, TEST NO. LTL19192



Ave Lumens	Zone Lumens	% Lamp	pf pc pw	80%			20%			50%					
				50%	30%	10%	50%	30%	10%	50%	30%	10%			
0	1333			0	51	51	51	49	49	49	47	47	47		
5	1319	125	0° - 30°	926.8	19.3	1	46	45	44	45	44	43	44	43	42
15	1214	340	0° - 40°	1398.2	29.1	2	42	40	38	41	39	38	40	38	37
25	1007	462	0° - 60°	1969.6	41.0	3	38	35	33	37	35	33	36	34	32
35	757	471	0° - 90°	2039.7	42.5	4	35	32	29	34	31	29	33	31	29
45	483	371	90° - 180°	0.0	0.0	5	32	29	26	31	28	26	30	28	26
55	221	201	0° - 180°	2039.7	*42.5	6	29	26	24	29	26	24	28	25	23
65	61	64				7	27	24	21	26	23	21	26	23	21
75	2	6				8	25	22	20	24	22	19	24	21	19
85	0	0				9	23	20	18	23	20	18	22	20	18
90	0					10	21	18	16	21	18	16	21	18	16

Mounting Center		50° beam - 54.6°		10° beam - 94.2°	
Height	Beam Diameter	FC Diameter	FC	Diameter	FC
8.0	44.1	5.7	22.0	11.8	4.4
10.0	23.7	7.7	11.8	16.2	2.4
12.0	14.8	9.8	7.4	20.5	1.5
14.0	10.1	11.9	5.0	24.8	1.0
16.0	7.3	13.9	3.7	29.1	0.7

PHOTOMETRY NOTES

- 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.
- Consult factory or IES file for microgroove baffle, black cone or other photometric reports.
- Actual performance may differ as a result of end-user environment and application.