LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where an open or damp location lensed fixture is required.

CONSTRUCTION — Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior heat dissipation and extended lamp life. Socket housing also adjusts to accommodate varying lamp lengths.

Heavy-gauge, die-formed galvanized steel mounting frame. Attached to frame are vertically adjustable mounting brackets for use with C channels, ½" steel conduit or 16-gauge flat bar hangers included, standard. Frames are equipped with galvanized junction box UL Listed for through-wire applications. Junction boxes equipped with (2) ¾" and (4) ½" conduit knockouts with pryout slots and removable access doors.

Reflector clips packed with reflector for installation on rough-in.

Maximum 1-1/2" ceiling thickness.

OPTICS — Aluminum full reflectors are optically designed to maximize lumen output and to provide superior glare control. Anodized finishes for open reflectors are semi-specular or diffuse in a variety of colors. Polyester powder coat finishes also are available in white.

Lenses are available in clear flat glass, tempered prismatic glass or polycarbonate to provide optimal visual comfort and improved aesthetics. Lens is recessed 7/8 (2.2) from flange.

ELECTRICAL — Electronic ballast with end of lamp life protection standard. Class P thermally protected ballast protects against improper contact with insulation. Minimum starting temperature is 0°F/-18°C.

Rated for #12 AWG conductor thru-branch wiring. Minimum 90° supply wire. Ground wire provided.

Lamp Socket Base:

DTT 4-pin lamps – 13W (G24Q-1); 18W (G24Q-2); 26W (G24Q-3)

TRT 4-pin lamps – 13W (GX24Q-1); 18W (GX24Q-2); 26W & 32W (GX24Q-3); 42W (GX24Q-4)

LISTINGS — Fixtures are UL Listed for thru-branch wiring, Non-IC recessed mounting, damp location, and to U.S. and Canadian Safety Standards.

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

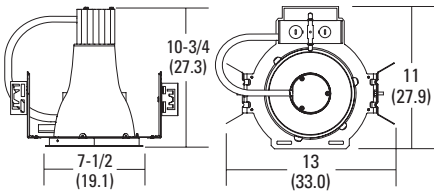
Note: Specifications subject to change without notice.

Compact Fluorescent Downlighting

6" LP6FN

OPEN REFLECTOR

Vertical 1-Lamp, Double Twin-Tube (DTT) or Triple-Tube (TRT)



Specifications

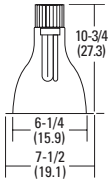
Max. height: 10-3/4 (27.3)

Ceiling opening: 7 (17.8)

Overlap trim: 7-1/2 (19.1)

Length: 13 (33.0)

Width: 11 (27.9)



All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION For shortest lead times, configure product using **bolded options.**

Example: LP6FN 26-42TRT 609A MVOLT

LP6FN					
Series	**Wattage/Lamp**	**Reflector/Color**	**Lens type**	**Voltage**	**Options[5]**
LP6FN	13DTT[1] 18DTT 26DTT 13TRT[1] 18TRT **26-42TRT[2]** 26TRT 32TRT 42TRT	609 White open **609A** Clear diffuse open **609AZ** Clear semi-specular open 609G Gold diffuse open 609GZ Gold semi-specular open 609PR Pewter diffuse open 609WTZ Wheat semi-specular open	**(blank)** No lens CGL Clear glass lens T73 Tempered glass prismatic lens PCL Clear polycarbonate lens	**MVOLT[3]** 120 277 347[4]	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Must be voltage specific. Minimum dimming level 5% ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5% **EL** Emergency PSDL3 DL battery pack with integral test switch. Lens removal required before EL testing[6] **ELR** Emergency PSDL3 DL battery pack with remote test switch[6] ELHL Iota I-420-R High lumen output emergency battery pack. Internal test switch provided. Maximum average lumen output is 1300 (42W)[7] ELRHL Iota I-420-EM-B High lumen output emergency battery pack. Remote test switch provided. Maximum average lumen output is 1300 (42W)[7] GMF Single slow-blow fuse, must specify voltage BDP Ballast disconnect plug (meets codes that require in-fixture disconnect)[4] RIF1 Radio interference filter LBH Less barhangers WLP 35K lamp (shipped separately) TRW White flange

Accessories: *Order as separate catalog number.*

SCA6	Sloped ceiling adaptor. Degree of slope must be specified (10D, 15D, 20D, 25D, 30D) Ex: SCA6 **10D**.
CTE6	Ceiling thickness extender is used when ceiling thickness is greater than 1-1/2 (3.8). Maximum thickness 2 (5.1).

Notes

1 Not available with ADEZ or ECOS.

2 Not available with ECOS or WLP.

3 Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.

4 Not available with EL or ELR.

5 For additional options see www.lithonia.com.

6 Add 3" (7.6) to width and 4-1/2" (11.4) to length.

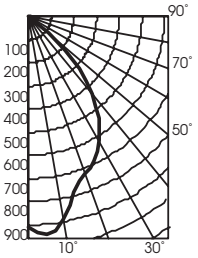
7 Not recommended for field installation.

6" **LP6FN** Vertical 1-Lamp, Double Twin-Tube (DTT) or Triple Tube (TRT), Open

PHOTOMETRICS

Distribution Curve | **Distribution Data** | **Output Data** | **Coefficient of Utilization** | **Illuminance Data at 30" Above Floor for a Single Luminaire**

LP6FN 32TRT 609A MVOLT, (1) 32W TRT lamp, 2400 rated lumens, 1.0 s/mh, Test no. LTL11603



	cp	Lumens
0	912	
5	943	88
15	782	222
25	684	313
35	538	334
45	311	226
55	23	32
65	7	7
75	2	3
85	1	1
90	0	

Zone	Lumens	% Lamp
0° - 30°	623.0	26.0
0° - 40°	956.6	39.9
0° - 60°	1214.7	50.6
0° - 90°	1225.4	51.1
90° - 180°	0.0	0.0
0° - 180°	1225.4	*51.1

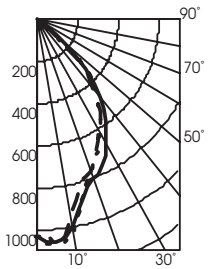
*Total Efficiency

pf		20%				
pc	80%		70%		50%	
pw	50%	30%	50%	30%	50%	30%
0	61	61	59	59	57	57
1	56	55	55	54	53	52
2	51	49	50	48	49	47
3	47	44	46	44	45	43
4	43	40	43	40	42	39
5	40	36	39	36	38	36
6	37	33	36	33	36	33
7	34	31	34	30	33	30
8	32	28	31	28	31	28
9	30	26	29	26	29	26
10	28	24	27	24	27	24

Task Height: 2.5ft.

Mounting Height	Inital FC Center Beam	50% beam - 55.0° Diameter	FC	10% beam - 92.0° Diameter	FC
8.0	30.1	5.7	15.1	11.4	3.0
10.0	16.2	7.8	8.1	15.5	1.6
12.0	10.1	9.9	5.1	19.7	1.0
14.0	6.9	12.0	3.4	23.8	0.7
16.0	5.0	14.0	2.5	28.0	0.5

LP6FN 32TRT 609AZ MVOLT, (1) 32W TRT lamp, 2400 rated lumens, 1.0 s/mh, Test no. LTL11604



	cp	Lumens
0	1032	
5	1060	99
15	857	243
25	727	332
35	560	349
45	333	237
55	9	22
65	2	2
75	1	1
85	0	0
90	0	

Zone	Lumens	% Lamp
0° - 30°	673.9	28.1
0° - 40°	1022.7	42.6
0° - 60°	1281.7	53.4
0° - 90°	1285.0	53.5
90° - 180°	0.0	0.0
0° - 180°	1285.0	*53.5

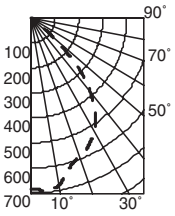
*Total Efficiency

pf		20%				
pc	80%		70%		50%	
pw	50%	30%	50%	30%	50%	30%
0	64	64	62	62	59	59
1	59	57	58	56	55	54
2	54	52	53	51	51	50
3	50	47	49	46	48	45
4	46	42	45	42	44	41
5	42	39	42	38	41	38
6	39	36	39	35	38	35
7	36	33	36	32	35	32
8	34	30	33	30	33	30
9	31	28	31	28	31	28
10	29	26	29	26	29	26

Task Height: 2.5ft.

Mounting Height	Inital FC Center Beam	50% beam - 52.0° Diameter	FC	10% beam - 91.4° Diameter	FC
8.0	34.1	5.4	17.1	11.3	3.4
10.0	18.3	7.3	9.2	15.4	1.8
12.0	11.4	9.3	5.7	19.5	1.1
14.0	7.8	11.2	3.9	23.6	0.8
16.0	5.7	13.2	2.8	27.7	0.6

LP6FN 32TRT 609AZ CGL MVOLT, (1) 32W TRT lamp, 2400 rated lumens, 1.1 s/mh, Test no. LTL15104



	0°
0°	685
5°	693
15°	624
25°	566
35°	464
45°	278
55°	35
65°	9
75°	3
85°	1
90°	0

Zone	Lumens	% Lamp
0° - 30°	478	19.9
0° - 40°	746	31.1
0° - 60°	962	40.1
0° - 90°	975	40.6
90° - 180°	0	0.0
0° - 180°	975	40.6

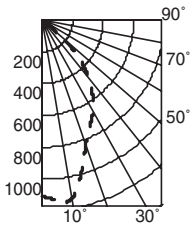
Efficiency: 40.6%

pf		20%				
pc	80%		70%		50%	
pw	50%	30%	50%	30%	50%	30%
0	48	48	47	47	45	45
1	44	43	44	43	42	41
2	41	39	40	38	39	37
3	37	35	37	34	36	34
4	34	32	34	31	33	31
5	31	29	31	28	30	28
6	29	26	29	26	28	26
7	27	24	26	24	26	23
8	25	22	25	22	24	22
9	23	20	23	20	22	20
10	21	19	21	19	21	19

Task Height: 2.5ft.

Mtg Ht	Inital fc Center Beam	50% beam - 57.4° Diameter	fc	10% beam - 92.5° Diameter	fc
8	22.6	6	11	11	2
10	12.2	8	6	16	1
12	7.6	10	4	20	1
14	5.2	13	3	24	1
16	3.8	15	2	28	0

LP6FN 32TRT 609AZ T73 MVOLT, (1) 32W TRT lamp, 2400 rated lumens, 1.1 s/mh, Test no. LTL15105



	0°
0°	1107
5°	1144
15°	994
25°	739
35°	577
45°	357
55°	27
65°	8
75°	2
85°	0
90°	0

Zone	Lumens	% Lamp
0° - 30°	665	27.7
0° - 40°	990	41.2
0° - 60°	1218	50.8
0° - 90°	1227	51.1
90° - 180°	0	0.0
0° - 180°	1227	51.1

Efficiency: 51.1%

pf		20%				
pc	80%		70%		50%	
pw	50%	30%	50%	30%	50%	30%
0	61	61	59	59	57	57
1	56	55	55	54	53	52
2	52	49	51	49	49	47
3	48	45	47	44	46	43
4	44	41	43	40	42	40
5	41	37	40	37	39	36
6	38	34	37	34	36	34
7	35	32	35	31	34	31
8	33	29	32	29	32	29
9	30	27	30	27	30	27
10	29	25	28	25	28	25

Task Height: 2.5ft.

Mtg Ht	Inital fc Center Beam	50% beam - 46.0° Diameter	fc	10% beam - 88.4° Diameter	fc
8	36.6	5	18	11	4
10	19.7	6	10	15	2
12	12.3	8	6	18	1
14	8.4	10	4	22	1
16	6.1	11	3	26	1

Notes

Actual performance may differ as a result of end-user environment and application.

LITHONIA LIGHTING®
An AcuityBrands Company

DOWNLIGHTING: One Lithonia Way, Conyers, GA 30012 Phone: 800-315-4935 Fax: 770-860-3129 www.lithonia.com