

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where a baffled 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. The black or white baffled reflectors have a semi-specular upper finish with white painted flange standard.

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: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Catalog Number
Notes
Type

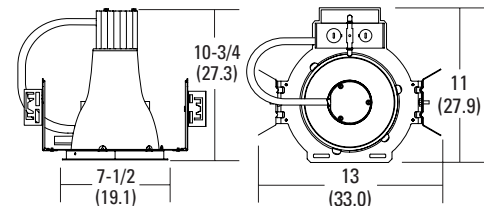


Compact Fluorescent Downlighting

6" LP6FN

BAFFLE

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



Specifications

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

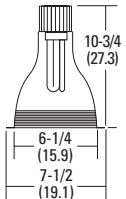
Ceiling opening: 7 (17.8)

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 6B9 MVOLT

LP6FN					
Series	Wattage/Lamp	Reflector/Color ³	Voltage	Options ⁶	
LP6FN	13DTT ¹	6B9 Black baffle 6B9W White baffle	MVOLT⁴ 120 277 347 ⁵	ADEZ	Advance Mark 10™ electronic dimming ballast, 120V or 277V. Musts be voltage specific. Minimum dimming level 5%
	18DTT			ADZT	Advance Mark 7™ electronic dimming ballast. Minimum dimming level 5%
	26DTT	ECOS		Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%	
	13TRT ¹	EL		Emergency PSDL3 DL battery pack with integral test switch ⁷	
	18TRT	ELR		Emergency PSDL3 DL battery pack with remote test switch ⁷	
	26-42TRT²	ELHL		Iota I-420-R High lumen output emergency battery pack. Internal test switch provided. Maximum average lumen output is 1300 (42W) ⁸	
	26TRT	ELRHL		Iota I-420-EM-B High lumen output emergency battery pack. Remote test switch provided. Maximum average lumen output is 1300 (42W) ⁸	
	32TRT	GMF		Single slow-blow fuse, must specify voltage	
	42TRT	BDP		Ballast disconnect plug (meets codes that require in-fixture disconnect) ⁵	
		RIF1		Radio interference filter	
		LBH		Less barhangers	
		WLP		35K lamp (shipped separately)	

Accessories: Order as separate catalog number.

SCA8	Sloped ceiling adaptor. Degree of slope must be specified (10D, 15D, 20D, 25D, 30D) Ex: SCA8 10D.
NPP16D EFP	nLight network power/relay pack with 0-10V dimming.
NPP16D ER EFP	nLight network power/relay pack with 0-10V dimming. ER controls fixtures on emergency circuit.

Notes

- Not available with ADEZ or ECOS.
- Not available with ECOS or WLP.
- White painted flange standard.
- Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- Not available with EL or ELR.
- For additional options see www.lithonia.com.
- Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- Not recommended for field installation.

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

PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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LP6FN 1/26TRT 6B9 MVOLT, (1) 26W TRT lamp, 1800 rated lumens, 1.0 s/mh, Test no. LTL10754

Intensity Distribution Horizontal Angle Vertical Angle	0	Zonal Lumen Summary		pf pc pw	80%		20%		50%	
		Zone	Lumens % Lamp		50%	30%	50%	30%	50%	30%
90°	0	423	0° - 30° 341.9 19.0	0	51	51	50	50	47	47
80°	5	438	0° - 40° 525.4 29.2	1	46	45	46	44	44	43
70°	15	445	0° - 60° 752.3 41.8	2	42	40	41	39	40	38
60°	25	385	0° - 90° 769.5 42.7	3	38	36	38	35	37	34
50°	35	295	90° - 180° 0.0 0.0	4	35	32	34	32	33	31
40°	45	191	0° - 180° 769.5 *42.7	5	32	29	31	28	31	28
30°	55	89	*Total Efficiency	6	29	26	29	26	28	25
20°	65	10		7	27	24	26	23	26	23
10°	75	1		8	25	22	24	21	24	21
0°	85	0		9	23	20	23	20	22	20
	90	0		10	21	18	21	18	21	18

LP6FN 1/32TRT 6B9 MVOLT, (1) 32W TRT lamp, 2400 rated lumens, 1.0 s/mh, Test no. LTL10731

Intensity Distribution Horizontal Angle Vertical Angle	0	Zonal Lumen Summary		pf pc pw	80%		20%		50%	
		Zone	Lumens % Lamp		50%	30%	50%	30%	50%	30%
90°	0	398	0° - 30° 345.3 14.4	0	42	42	41	41	39	39
80°	5	411	0° - 40° 540.6 22.5	1	38	37	37	36	36	35
70°	15	443	0° - 60° 798.4 33.3	2	34	32	34	32	32	31
60°	25	396	0° - 90° 841.9 35.1	3	31	29	30	28	29	28
50°	35	314	90° - 180° 0.0 0.0	4	28	25	28	25	27	25
40°	45	212	0° - 180° 841.9 *35.1	5	25	23	25	23	24	22
30°	55	105	*Total Efficiency	6	23	20	23	20	22	20
20°	65	37		7	21	19	21	18	20	18
10°	75	2		8	20	17	19	17	19	17
0°	85	1		9	18	15	18	15	18	15
	90	0		10	17	14	17	14	16	14

LP6FN 1/42TRT 6B9 MVOLT, (1) 42W TRT lamp, 3200 rated lumens, 1.1 s/mh, Test no. LTL10719

Intensity Distribution Horizontal Angle Vertical Angle	0	Zonal Lumen Summary		pf pc pw	80%		20%		50%	
		Zone	Lumens % Lamp		50%	30%	50%	30%	50%	30%
90°	0	443	0° - 30° 375.8 11.7	0	38	38	37	37	36	36
80°	5	461	0° - 40° 582.7 18.2	1	34	33	33	32	32	31
70°	15	488	0° - 60° 889.2 27.8	2	30	28	30	28	29	27
60°	25	426	0° - 90° 1023.3 32.0	3	27	25	26	24	26	24
50°	35	333	90° - 180° 0.0 0.0	4	24	22	24	21	23	21
40°	45	227	0° - 180° 1023.3 *32.0	5	22	19	22	19	21	19
30°	55	145	*Total Efficiency	6	20	17	20	17	19	17
20°	65	84		7	18	16	18	16	17	15
10°	75	40		8	17	14	17	14	16	14
0°	85	4		9	15	13	15	13	15	13
	90	0		10	14	12	14	12	14	12