

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where a wallwash 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 wallwash reflectors are semi-specular or diffuse in a variety of colors. Polyester powder coat finishes are also available.

Wallwash reflector intended to direct light with a horizontal component to increase light intensity on walls, as well as provide downward light on horizontal surfaces. Kicker must face wall to be illuminated.

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

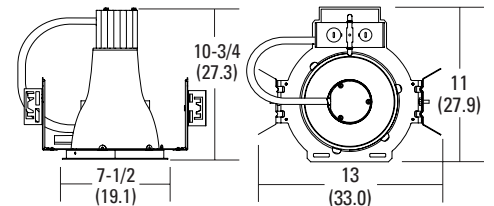


Compact Fluorescent Downlighting

6" LP6FN

WALLWASH

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



Specifications

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

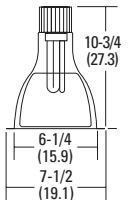
Ceiling opening: 7 (17.8)

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 6W9A MVOLT

LP6FN	Series	Wattage/Lamp	Reflector/Color	Voltage	Options ⁵
LP6FN	13DTT ¹	6W9	White wallwash	MVOLT³ 120 277 347 ⁴	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Must be voltage specific. Minimum dimming level 5%
	18DTT	6W9A	Clear diffuse wallwash		ADZT Advance Mark 7™ electronic dimming ballast. Minimum dimming level 5%
	26DTT	6W9AZ	Clear semi-specular wallwash		ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%
	13TRT ¹	6W9G	Gold diffuse wallwash		EL Emergency PSDL3 DL battery pack with integral test switch ⁶
	18TRT	6W9GZ	Gold semi-specular wallwash		ELR Emergency PSDL3 DL battery pack with remote test switch ⁶
	26-42TRT²	6W9PR	Pewter diffuse wallwash		ELHL Iota I-420-R High lumen output emergency battery pack. Internal test switch provided. Maximum average lumen output is 1300 (42W) ⁷
	26TRT	6W9WTZ	Wheat semi-specular wallwash		ELRHL Iota I-420-EM-B High lumen output emergency battery pack. Remote test switch provided. Maximum average lumen output is 1300 (42W) ⁷
	32TRT				GMF Single slow-blow fuse, must specify voltage
	42TRT				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.

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.
- 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), Wallwash

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 32TRT 6W9A MVOLT, (1) 32W TRT lamp, 2400 rated lumens, Test no. LTL11817

Intensity Distribution Horizontal Angle Vertical Angle	0°	Zonal Lumen Summary Zone Lumens % Lamp	Coefficients of Utilization			
			20%	70%	50%	
			80%	50%30%	50%30%	50%30%
0°	776	0° - 30° 593.9 24.7	0	67 67	66 66	63 63
5°	739	0° - 40° 942.3 39.3	1	61 59	60 58	58 56
15°	586	0° - 60° 1279.1 53.3	2	55 52	54 52	52 50
25°	566	0° - 90° 1359.8 56.7	3	50 47	49 46	48 45
35°	509	90° - 180° 0.0 0.0	4	46 42	45 41	44 41
45°	365	0° - 180° 1359.8 *56.7	5	42 38	41 37	40 37
55°	225	*Total Efficiency	6	38 34	38 34	37 33
65°	119		7	35 31	35 31	34 30
75°	57		8	33 28	32 28	32 28
85°	15		9	30 26	30 26	29 26
90°	0		10	28 24	28 24	27 24

LP6FN 18TRT 6W9A MVOLT, (1) 18W TRT lamp, 1200 rated lumens, Test no. LTL11818

Intensity Distribution Horizontal Angle Vertical Angle	0°	Zonal Lumen Summary Zone Lumens % Lamp	Coefficients of Utilization			
			20%	70%	50%	
			80%	50%30%	50%30%	50%30%
0°	421	0° - 30° 286.3 23.9	0	54 54	52 52	50 50
5°	408	0° - 40° 422.5 35.2	1	49 48	48 47	46 45
15°	307	0° - 60° 511.5 42.6	2	45 42	44 42	42 41
25°	269	0° - 90° 539.4 45.0	3	41 38	40 38	39 37
35°	205	90° - 180° 0.0 0.0	4	38 35	37 34	36 34
45°	109	0° - 180° 539.4 *45.0	5	35 32	34 31	33 31
55°	62	*Total Efficiency	6	32 29	32 29	31 28
65°	42		7	30 27	29 27	29 26
75°	22		8	28 25	27 25	27 24
85°	5		9	26 23	26 23	25 23
90°	0		10	24 21	24 21	24 21

LP6FN 18DTT 6W9A MVOLT, (1) 18W DTT lamp, 1250 rated lumens, Test no. LTL11819

Intensity Distribution Horizontal Angle Vertical Angle	0°	Zonal Lumen Summary Zone Lumens % Lamp	Coefficients of Utilization			
			20%	70%	50%	
			80%	50%30%	50%30%	50%30%
0°	402	0° - 30° 276.6 22.1	0	61 61	59 59	57 57
5°	382	0° - 40° 437.7 35.0	1	55 53	54 52	52 51
15°	249	0° - 60° 599.6 48.0	2	50 47	49 46	47 45
25°	261	0° - 90° 637.0 51.0	3	45 42	44 41	43 40
35°	227	90° - 180° 0.0 0.0	4	41 38	40 37	39 36
45°	161	0° - 180° 637.0 *51.0	5	38 34	37 33	36 33
55°	103	*Total Efficiency	6	34 31	34 30	33 30
65°	56		7	32 28	31 28	31 27
75°	26		8	29 25	29 25	28 25
85°	6		9	27 23	27 23	26 23
90°	0		10	25 22	25 22	24 21