

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.

### OPTICAL SYSTEM

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.

### MECHANICAL SYSTEM

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, 1/2" 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) 3/4" and (4) 1/2" 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.

### ELECTRICAL SYSTEM

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.

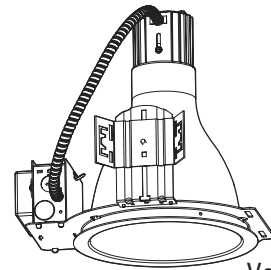
### Lamp Socket Base:

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)

### LISTING

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

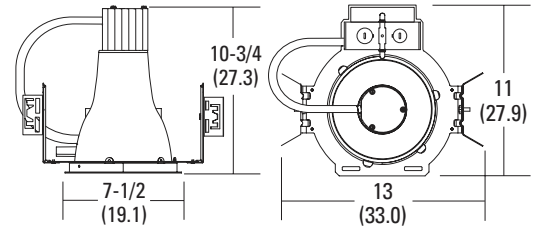


### Compact Fluorescent Downlighting

# 6" LP6FN

### OPEN REFLECTOR

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



### Specifications

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

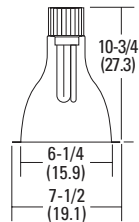
Ceiling opening: 7 (17.8)

Overlap trim: 7-1/2 (19.1)

Length: 13 (33.0)

Width: 11 (27.9)

All dimensions are inches (centimeters).



## ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: LP6FN 26-42TRT 609A MVOLT

### LP6FN

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

### NOTES:

- Not available with ADEZ or DMHL.
- Not available with DMHL or WLP.
- Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- Not available with EL or ELR.
- Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- Not recommended for field installation.

### 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).

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

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire		
<b>LP6FN 32TRT 609A MVOLT, (1) 32W TRT lamp, 2400 rated lumens, 1.0 s/mh, Test no. LTL11603</b>						
	cp	Lumens	Zone Lumens % Lamp	pf	20%	Task Height: 2.5ft.
	5	943	0° - 30° 623.0 26.0	pc	80%	
	15	782	0° - 40° 956.6 39.9	pw	50% 30% 50% 30% 50% 30%	
	25	684	0° - 60° 1214.7 50.6	0	61 61 59 59 57 57	
	35	538	0° - 90° 1225.4 51.1	1	56 55 55 54 53 52	
	45	311	90° - 180° 0.0 0.0	2	51 49 50 48 49 47	
	55	23	*Total Efficiency	3	47 44 46 44 45 43	
	65	7		4	43 40 43 40 42 39	
	75	2		5	40 36 39 36 38 36	
	85	1		6	37 33 36 33 36 33	
	90	0		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		
Initial FC						
Mounting Height	Center Beam	50% beam - 55.0"	10% beam - 92.0"			
8.0	30.1	5.7	15.1	11.4		
10.0	16.2	7.8	8.1	15.5		
12.0	10.1	9.9	5.1	19.7		
14.0	6.9	12.0	3.4	23.8		
16.0	5.0	14.0	2.5	28.0		

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire		
<b>LP6FN 32TRT 609AZ MVOLT, (1) 32W TRT lamp, 2400 rated lumens, 1.0 s/mh, Test no. LTL11604</b>						
	cp	Lumens	Zone Lumens % Lamp	pf	20%	Task Height: 2.5ft.
	5	1060	0° - 30° 673.9 28.1	pc	80%	
	15	857	0° - 40° 1022.7 42.6	pw	50% 30% 50% 30% 50% 30%	
	25	727	0° - 60° 1281.7 53.4	0	64 64 62 62 59 59	
	35	560	0° - 90° 1285.0 53.5	1	59 57 58 56 55 54	
	45	333	90° - 180° 0.0 0.0	2	54 52 53 51 51 50	
	55	9	*Total Efficiency	3	50 47 49 46 48 45	
	65	2		4	46 42 45 42 44 41	
	75	1		5	42 39 42 38 41 38	
	85	0		6	39 36 39 35 38 35	
	90	0		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		
Initial FC						
Mounting Height	Center Beam	50% beam - 52.0"	10% beam - 91.4"			
8.0	34.1	5.4	17.1	11.3		
10.0	18.3	7.3	9.2	15.4		
12.0	11.4	9.3	5.7	19.5		
14.0	7.8	11.2	3.9	23.6		
16.0	5.7	13.2	2.8	27.7		

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire		
<b>LP6FN 32TRT 609AZ CGL MVOLT, (1) 32W TRT lamp, 2400 rated lumens, 1.1 s/mh, Test no. LTL15104</b>						
	0°	Zone Lumens % Lamp	pf	20%	Task Height: 2.5ft.	
	0°	685	0° - 30° 478 19.9	pc		80%
	5°	693	0° - 40° 746 31.1	pw		50% 30% 50% 30% 50% 30%
	15°	624	0° - 60° 962 40.1	0		48 48 47 47 45 45
	25°	566	0° - 90° 975 40.6	1		44 43 44 43 42 41
	35°	464	90° - 180° 0 0.0	2		41 39 40 38 39 37
	45°	278	0° - 180° 975 40.6	3		37 35 37 34 36 34
	55°	35	Efficiency: 40.6%	4		34 32 34 31 33 31
	65°	9		5		31 29 31 28 30 28
	75°	3		6		29 26 29 26 28 26
	85°	1		7		27 24 26 24 26 23
90°	0		8	25 22 25 22 24 22		
			9	23 20 23 20 22 20		
			10	21 19 21 19 21 19		
Initial fc						
Mtg Center	Ht	Beam	Diameter fc	Diameterfc		
	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		

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire		
<b>LP6FN 32TRT 609AZ T73 MVOLT, (1) 32W TRT lamp, 2400 rated lumens, 1.1 s/mh, Test no. LTL15105</b>						
	0°	Zone Lumens % Lamp	pf	20%	Task Height: 2.5ft.	
	0°	1107	0° - 30° 665 27.7	pc		80%
	5°	1144	0° - 40° 990 41.2	pw		50% 30% 50% 30% 50% 30%
	15°	994	0° - 60° 1218 50.8	0		61 61 59 59 57 57
	25°	739	0° - 90° 1227 51.1	1		56 55 55 54 53 52
	35°	577	90° - 180° 0 0.0	2		52 49 51 49 49 47
	45°	357	0° - 180° 1227 51.1	3		48 45 47 44 46 43
	55°	27	Efficiency: 51.1%	4		44 41 43 40 42 40
	65°	8		5		41 37 40 37 39 36
	75°	2		6		38 34 37 34 36 34
	85°	0		7		35 32 35 31 34 31
90°	0		8	33 29 32 29 32 29		
			9	30 27 30 27 30 27		
			10	29 25 28 25 28 25		
Initial fc						
Mtg Center	Ht	Beam	Diameter fc	Diameterfc		
	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		

NOTE: Energy (Calculated in accordance with NEMA Standard LE-5)



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