

## 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** — 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 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.

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 1-1/2 (3.8) 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 – 18W (G24Q-2); 26W (G24Q-3)

TRT 4-pin lamps – 18W (GX24Q-2); 26W (GX24Q-3); 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](http://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

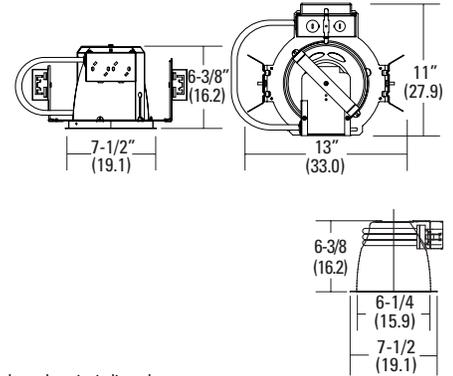
### Compact Fluorescent Downlighting

# 6" LF6N



**OPEN REFLECTOR**

Horizontal 1-Lamp, Triple Tube (TRT)



*Specifications*

Max. height: 6-3/8 (16.2)

Ceiling opening: 7 (17.8)

Overlap trim: 7-1/2 (19.1)

Length: 13 (33.0)

Width: 11 (27.9)

All dimensions are in inches (centimeters) unless otherwise indicated.

**ORDERING INFORMATION**

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

**Example:** LF6N 1/26-42TRT F601AZ MVOLT

LF6N	Series	Wattage/Lamp	Reflector/Color	Lens type	Voltage	Options <sup>4</sup>		
LF6N	1/18DTT	1/26DTT 1/18TRT <b>1/26-42TRT<sup>1</sup></b> 1/26TRT 1/32TRT 1/42TRT	F601	White open	(blank) No lens	MVOLT <sup>2</sup> 120 277 347 <sup>3</sup>	ADEZ	Advance Mark 10 <sup>®</sup> electronic dimming ballast, 120V or 277V. Must be voltage specific. Minimum dimming level 5%
	F601A		Clear diffuse open	CGL	Clear glass lens		ADZT	Advance Mark 7 <sup>®</sup> electronic 0-10V DC dimming ballast. (120V-277V only.)
	F601AZ		Clear semi-specular open	PCL	Clear polycarbonate lens		ECOS	Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%
	F601G		Gold diffuse open				EL	Emergency PSDL3 DL battery pack with integral test switch. Lens removal required before EL testing <sup>5</sup>
	F601GZ		Gold semi-specular open				ELR	Emergency PSDL3 DL battery pack with remote test switch <sup>5</sup>
	F601PR		Pewter diffuse open				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>
	F601WTZ		Wheat 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>
							GMF	Single slow-blow fuse, must specify voltage
							BDP	Ballast disconnect plug (meets codes that require in-fixture disconnect) <sup>3</sup>
							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 <b>10D</b> .
NPP16D EFP	nLight <sup>®</sup> network relay pack with 0-10V dimming. Refer to <a href="#">TN-602</a> . Fixtures must be ordered with ADZT option.
NPP16D ER EFP	nLight <sup>®</sup> network relay pack with 0-10V dimming for emergency circuit operation. Refer to <a href="#">TN-602</a> . Fixtures must be ordered with ADZT option. <sup>7</sup>

**Notes**

- 1 Not available with ECOS or WLP.
- 2 Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- 3 Not available with EL or ELR.
- 4 For additional options see [www.lithonia.com](http://www.lithonia.com).
- 5 Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- 6 Not recommended for field installation.
- 7 For use with generator supply EM power. Will require an emergency hot feed and normal hot feed.

# 6" LF6N Horizontal 1-Lamp, Triple Tube (TRT), Open

## PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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**LF6N 1/32TRT F601AZ MVOLT**, (1) Philips PL-C 32W/27SH lamp, 1.2 s/mh, 2400 rated lumens, Test no. LTL12515

cp	Lumens	Zone	Lumens % Lamp	pf	20%						Task Height: 2.5ft.						
					pc	80%		70%		50%							
						50%	30%	50%	30%	50%		30%					
0	598	0° - 30°	483.7	20.2	0	63	63	61	61	58	58	50% beam - 62.9°	10% beam - 104.1°				
5	612	0° - 40°	780.1	32.5	1	57	55	56	54	54	53	Initial FC					
15	639	0° - 60°	1245.0	51.9	2	52	49	51	48	49	47	Mounting	Center				
25	533	0° - 90°	1261.5	52.6	3	47	43	46	43	44	42	Ht	Beam	Diameter	fc	Diameter	fc
35	471	90° - 180°	0.0	0.0	4	42	38	42	38	40	37	8.0	19.8	6.7	9.9	14.1	2.0
45	444	0° - 180°	1261.5	*52.6	5	38	34	38	34	37	33	10.0	10.6	9.2	5.3	19.2	1.1
55	137	*Total Efficiency			6	35	31	34	31	34	30	12.0	6.6	11.6	3.3	24.3	0.7
65	11				7	32	28	32	28	31	27	14.0	4.5	14.1	2.3	29.5	0.5
75	3				8	29	25	29	25	28	25	16.0	3.3	16.5	1.6	34.6	0.3
85	1				9	27	23	27	23	26	23						
90	0				10	25	21	25	21	24	21						

**LF6N 1/32TRT F601AZ CGL MVOLT**, (1) 32W TRT Lamp, 2400 rated lumens per lamp, 1.1 s/mh, Test No. LTL15102

cp	Lumens	Zone	Lumens % Lamp	pf	20%						Task Height: 2.5ft.						
					pc	80%		70%		50%							
						50%	30%	50%	30%	50%		30%					
0	551	0° - 30°	427	17.8	0	56	56	54	54	52	52	50% beam - 10% beam	59.8° - 104.6°				
5	532	0° - 40°	682	28.4	1	51	49	50	48	48	47	Initial fc					
15	513	0° - 60°	1106	46.1	2	46	43	45	43	43	42	Mtg	Center				
25	410	0° - 90°	1119	46.6	3	41	38	41	38	39	37	Ht	Beam	Diameter	fc	Diameter	fc
35	365	90° - 180°	0	0.0	4	37	34	37	34	36	33	8	18.2	6	9	14	2
45	334	0° - 180°	1119	46.6	5	34	30	33	30	33	30	10	9.8	9	5	19	1
55	189	Efficiency: 46.6%			6	31	27	30	27	30	27	12	6.1	11	3	25	1
65	10				7	28	25	28	24	27	24	14	4.2	13	2	30	0
75	3				8	26	22	26	22	25	22	16	3.0	16	2	35	0
85	1				9	24	20	24	20	23	20						
90	0				10	22	19	22	19	21	18						

**LF6N 1/32TRT F601AZ T73 MVOLT**, (1) 32W TRT Lamp, 2400 rated lumens per lamp, 1.2 s/mh, Test No. LTL15103

cp	Lumens	Zone	Lumens % Lamp	pf	20%						Task Height: 2.5ft.						
					pc	80%		70%		50%							
						50%	30%	50%	30%	50%		30%					
0	585	0° - 30°	436	18.1	0	50	50	49	49	47	47	50% beam - 10% beam	61.3° - 93.3°				
5	570	0° - 40°	674	28.1	1	45	44	44	43	43	42	Initial fc					
15	519	0° - 60°	926	38.6	2	41	38	40	38	39	37	Mtg	Center				
25	460	0° - 90°	1007	41.9	3	37	34	36	34	35	33	Ht	Beam	Diameter	fc	Diameter	fc
35	372	90° - 180°	0	0.0	4	33	30	33	30	32	29	8	19.3	7	10	12	2
45	204	0° - 180°	1007	41.9	5	30	27	30	27	29	27	10	10.4	9	5	16	1
55	107	Efficiency: 41.9%			6	28	25	28	24	27	24	12	6.5	11	3	20	1
65	57				7	26	22	25	22	25	22	14	4.4	14	2	24	0
75	32				8	24	21	23	20	23	20	16	3.2	16	2	29	0
85	1				9	22	19	22	19	21	19						
90	0				10	20	17	20	17	20	17						



LF6N-OPEN-1-TRT