

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

Heavy gauge die formed galvanized steel mounting frame with mechanical trim retention (yoke) ensures secure and flush reflector mounting to ceiling. 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.

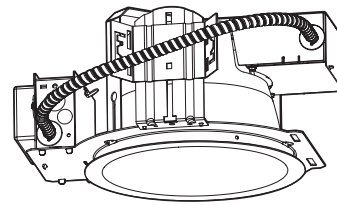
Lamp Socket Base:

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

LISTING

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

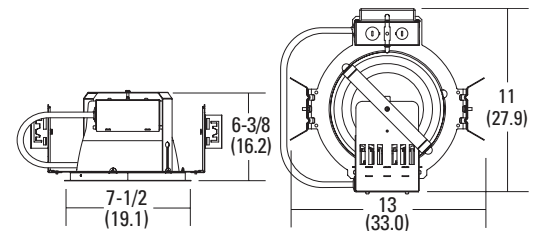
Compact Fluorescent Downlighting



6" LF6N

OPEN REFLECTOR

Horizontal, 2-Lamp Double Twin-Tube (DTT)



Specifications

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

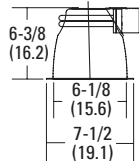
Ceiling Opening: 7 (17.8)

Overlap Trim: 7-1/2 (19.1)

Length: 13 (33.0)

Width: 11 (27.9)

All dimensions are inches (centimeters).



ORDERING INFORMATION

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

Example: LF6N 2/26DTT F602AZ MVOLT

LF6N

Series	Wattage/lamp	Reflector/color	Lens type	Voltage	Options ⁷
LF6N	2/13DTT ¹	F602 White open	(blank) No lens	MVOLT²	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Must be wattage and voltage specific. Minimum dimming level 5%
	2/18DTT	F602A Clear diffuse open	CGL Clear glass lens	120	ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%
	2/26DTT	F602AZ Clear semi-specular open	T73 Tempered glass prismatic lens	277	EL Emergency PSDL3 DL battery pack with integral test switch. Lens removal required before EL testing⁴
		F602G Gold diffuse open	PCL Clear polycarbonate lens	347 ³	ELR Emergency PSDL3 DL battery pack with remote test switch⁴
		F602GZ Gold semi-specular open			ELRHL2LP Iota 1-162 Emergency battery pack with remote test switch. Operates two 26W CFL lamps in emergency mode with battery back-up in case of power disruption. Average lumen output is 2600 ⁵
		F602PR Pewter diffuse open			GMF Single slow-blow fuse, must specify voltage
		F602WTZ Wheat semi-specular open			BDP Ballast disconnect plug (meets codes that require in-fixture disconnect) ³
	F6C3BLZ Black specular open cone			RIF1 Radio interference filter	
				LBH Less barhangers	
				WLP 35K lamp (shipped separately)	
				NSD Sensor Switch nLight™ dimming relay ⁶	
				TRW White flange	

NOTES:

- Not available with ADEZ or ECOS.
- Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- Not available with EL or ELR.
- Ships standard for 1-lamp operation. For 2-lamp operation, consult installation instructions or factory. Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- Not recommended for field installation.
- One 5A relay with one 0-10 VDC dimming output, shipped installed. Requires additional nLight bus power supply.
- For additional options see lithonia.com.

Accessories

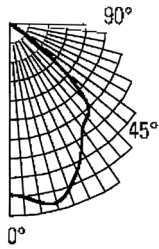
Order as separate catalog number

- 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" LF6N Horizontal, 2-Lamp Double Twin-Tube (DTT), Open

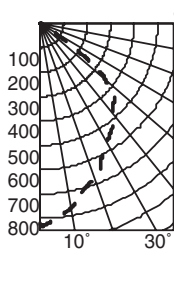
Distribution Curve Distribution Data Output Data Coefficient of Utilization Illuminance Data at 30" Above Floor for a Single Luminaire

LF6N 2/26DTT F602AZ MVOLT, (2) Philips PL-C 26W/27SH lamp, 1.2 s/mh, 3600 rated lumens, Test no. 2193120701



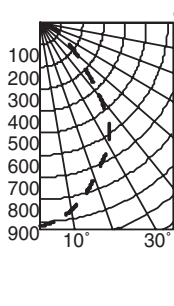
From 0°	cp.	Lumens	Zone	Lumens	%lamp	rf	rc	80%	20%	30%	98.8°	50%	10%
						rw		50%	50%	50%	Mount	Beam	Beam
								30%	30%	30%	height	diameter	diameter
0°	887		0°-30°	741	20.60	1	54	52	53	51	8'	29.3	6.7
5°	903	87	0°-40°	1165	32.36	2	50	48	49	47	10'	15.8	9.1
15°	960	269	0°-60°	1750	48.62	3	46	43	45	42	12'	9.8	11.5
25°	841	387	0°-90°	1759	48.89	4	42	39	41	39	14'	6.7	13.9
35°	666	424	90°-180°	0	0.00	5	39	35	38	35	16'	4.9	16.4
45°	569	424	0°-180°	1759	48.89*	6	35	32	35	32			
55°	144	162	*Total Efficiency			7	32	29	32	29			
65°	7	9				8	29	26	29	26			
75°	1	2				9	27	23	27	23			
85°	0	1				10	25	21	24	21			
90°	0												

LF6N 2/26DTT F602AZ CGL MVOLT, (2) 26W DTT Lamps, 1825 rated lumens per lamp, 1.1 s/mh, Test No. LTL15100



0°	Zone	Lumens	% Lamp	pf	20%	Task Height: 2.5ft.
				pc	70%	50% beam - 10% beam
				pw	50%	61.4° - 101.9°
0°	0°-30°	664	18.2	0	51	51
5°	0°-40°	1041	28.5	1	47	46
15°	0°-60°	1556	42.6	2	43	40
25°	0°-90°	1576	43.2	3	39	36
35°	90°-180°	0	0.0	4	35	32
45°	0°-180°	1576	43.2	5	32	29
55°				6	29	26
65°				7	27	24
75°				8	25	22
85°				9	23	20
90°				10	21	18

LF6N 2/26DTT F602AZ T73 MVOLT, (2) 26W DTT Lamps, 1825 rated lumens per lamp, 1.1 s/mh, Test No. LTL15101



0°	Zone	Lumens	% Lamp	pf	20%	Task Height: 2.5ft.
				pc	70%	50% beam - 10% beam
				pw	50%	58.2° - 90.9°
0°	0°-30°	667	18.3	0	47	47
5°	0°-40°	996	27.3	1	43	41
15°	0°-60°	1334	36.5	2	39	37
25°	0°-90°	1445	39.6	3	35	32
35°	90°-180°	0	0.0	4	32	29
45°	0°-180°	1445	39.6	5	29	26
55°				6	27	24
65°				7	25	22
75°				8	23	20
85°				9	21	18
90°				10	20	17



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