

FEATURES & SPECIFICATIONS

INTENDED USE

Ideal for a wide variety of low- to medium-height ceiling applications ideal for shower and outdoor applications where a wet 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 clear semi-specular full reflectors are optically designed to maximize lumen output and to provide superior glare control.

Glass lenses are available in clear flat, tempered prismatic or fresnel glass lens to provide optimal visual comfort and improved aesthetics.

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:

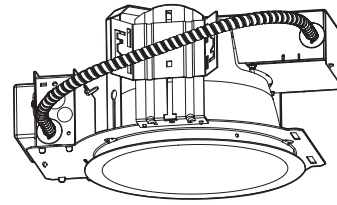
DTT 4-pin lamps – 13W (G24Q-1); 18W (G24Q-2); 26W (G24Q-3)

LISTING

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

Catalog Number	
Notes	Type

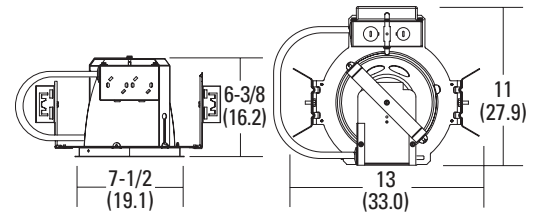
Compact Fluorescent Downlighting



6" LF6N

WET LENS

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



Specifications

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

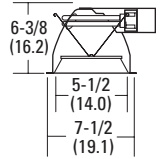
Ceiling Opening: 7 (17.8)

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 F6L4 MVOLT

LF6N

Series	Wattage/lamp	Reflector/color ²	Voltage	Options ⁸
LF6N	2/13DTT ¹	<u>Glass lens</u>	MVOLT³ 120 277 347 ⁴	ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Minimum dimming level 5%
	2/18DTT	F6LF3 White splay, white lens		ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%
	2/26DTT	F6LFB3 Black baffle, white lens		EL Emergency PSDL3 DL battery pack with integral test switch. Lens removal required before EL testing⁵
		F6L4 White splay, fresnel lens		ELR Emergency PSDL3 DL battery pack with remote test switch⁵
		F6LB4 Black baffle, fresnel lens		ELRHL2LP Iota I-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 ⁶
		F6LF73 White splay, tempered prismatic lens		GMF Single slow-blow fuse, must specify voltage
		F6LFB73 Black baffle, tempered prismatic lens		BDP Ballast disconnect plug (meets codes that require in-fixture disconnect) ⁴
		<u>Drop glass lens</u>		RIF1 Radio interference filter
		F6LD3 White splay, drop opal lens		LBH Less barhangers
		F6LDB3 Black baffle, drop opal lens		NSD Sensor Switch nLight™ dimming relay ⁷
		CTE6 Ceiling thickness extender is used when ceiling thickness is greater than 1-1/2 (3.8). Maximum thickness 2 (5.1).	WLP 35K lamp (shipped separately)	

NOTES:

- Not available with ADEZ or ECOS.
- 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.
- 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), Wet Lens

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

LF6N 2/26DTT F6LD3 MVOLT, (2) Philips PL-C 26W/27SH lamp, 1.2 s/mh, 3600 rated lumens, Test no. 2197042407

cp	Lumens	Zone	Lumens	% Lamp	pf	20%				Task Height: 2.5ft.	10% beam - 106.3' 50% beam - 60.7'	
						pc	80%	70%	50%			
5	366	34	0° - 30°	270.6	7.5	0	30	30	29	29	28	28
15	341	96	0° - 40°	434.7	12.1	1	26	25	26	25	25	24
25	307	140	0° - 60°	736.6	20.5	2	23	21	23	21	22	20
35	264	164	0° - 90°	909.9	25.3	3	20	18	20	18	19	18
45	206	161	90° - 180°	0.0	0.0	4	18	16	18	16	17	15
55	160	141	0° - 180°	909.9	*25.3	5	16	14	16	14	15	14
65	107	102				6	15	12	14	12	14	12
75	58	57				7	13	11	13	11	13	11
85	15	14				8	12	10	12	10	12	10
90	0					9	11	09	11	09	11	09
						10	10	08	10	08	10	08

LF6N 2/26DTT F6LF3 MVOLT, (2) Philips PL-C 26W/27SH lamp, 1.2 s/mh, 3600 rated lumens, Test no. 2197042406

cp	Lumens	Zone	Lumens	% Lamp	pf	20%				Task Height: 2.5ft.	10% beam - 104.3' 50% beam - 60.2'	
						pc	80%	70%	50%			
5	398	37	0° - 30°	293.6	8.2	0	29	29	29	29	27	27
15	369	104	0° - 40°	467.2	13.0	1	26	25	26	25	25	24
25	331	152	0° - 60°	770.7	21.4	2	23	22	23	21	22	21
35	277	174	0° - 90°	888.0	24.7	3	21	19	20	19	20	18
45	218	166	90° - 180°	0.0	0.0	4	18	16	18	16	17	16
55	155	137	0° - 180°	888.0	*24.7	5	17	14	16	14	16	14
65	86	87				6	15	13	15	13	14	13
75	27	29				7	14	12	13	12	13	11
85	0	1				8	13	11	12	10	12	10
90	0					9	12	10	11	10	11	09
						10	11	09	11	09	10	09

LF6N 2/26DTT F6L4 MVOLT, (2) Philips PL-C 26W/27SH lamp, .98 s/mh, 3600 rated lumens, Test no. 2197042405

cp	Lumens	Zone	Lumens	% Lamp	pf	20%				Task Height: 2.5ft.	10% beam - 85.8' 50% beam - 53.6'	
						pc	80%	70%	50%			
5	800	76	0° - 30°	552.2	15.3	0	35	35	35	35	33	33
15	742	209	0° - 40°	763.9	21.2	1	32	31	32	31	30	30
25	594	267	0° - 60°	996.5	27.7	2	29	28	29	27	28	27
35	339	212	0° - 90°	1072.0	29.8	3	27	25	26	25	25	24
45	182	140	90° - 180°	0.0	0.0	4	24	22	24	22	23	22
55	103	93	0° - 180°	1072.0	*29.8	5	22	20	22	20	22	20
65	55	57				6	21	18	20	18	20	18
75	13	18				7	19	17	19	17	19	17
85	0	0				8	18	16	18	16	17	15
90	0					9	17	15	16	14	16	14
						10	16	14	15	13	15	13

LF6N 2/26DTT F6LFB73 MVOLT, (2) Philips PL-C 26W/27SH lamp, .97 s/mh, 3600 rated lumens, Test no. 2197032002

cp	Lumens	Zone	Lumens	% Lamp	pf	20%				Task Height: 2.5ft.	10% beam - 87.1' 50% beam - 51.5'	
						pc	80%	70%	50%			
5	637	60	0° - 30°	425.5	11.8	0	27	27	26	26	25	25
15	569	159	0° - 40°	608.4	16.9	1	25	24	24	24	23	23
25	454	206	0° - 60°	784.5	21.8	2	23	21	22	21	21	21
35	292	183	0° - 90°	813.8	22.6	3	21	19	20	19	20	19
45	153	118	90° - 180°	0.0	0.0	4	19	17	19	17	18	17
55	61	58	0° - 180°	813.8	*22.6	5	17	16	17	16	17	15
65	24	24				6	16	14	16	14	15	14
75	4	5				7	15	13	15	13	14	13
85	0	0				8	14	12	14	12	13	12
90	0					9	13	11	13	11	13	11
						10	12	11	12	11	12	10



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