

Catalog Number	
Notes	Type

FEATURES & SPECIFICATIONS

INTENDED USE

Recessed frame-in rated Non-IC for new construction and remodel applications.

Approved for all ceiling and wiring types.

CONSTRUCTION

Steel frame. Cutout section on frame for remodel applications.

Galvanized bar hangers span up to 24" o.c. and feature built-in nailer and T-bar clips.

Galvanized steel junction box with removable access door, four built-in romex clamps; two 1/2" and four 3/4" knockouts with slots for pryout.

Maximum 8 (4in 4out) No 12 AWG conductors. Rated for 90° C.

Ground wire provided.

ELECTRICAL SYSTEM

Socket attaches to reflector with pre-mounted screw to ensure proper and consistent lamp position.

Multi-volt, 120V through 277V, electronic ballast with end of life protection.

Class P thermally protected ballast protects against improper contact with insulation. Approved for through branch circuit wiring.

INSTALLATION

2 x 8 wood joist or T-bar installation.

Expandable bar hangers allow for off-center mounting in wood joist or T-bar ceilings.

Length of 25-1/4" maximum 13-1/4" minimum or cut to fit 10-1/2" on center joist construction.

Reflector is secured to frame-in by mechanical trim retention.

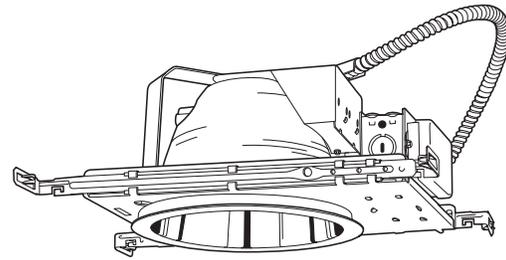
Vertically adjustable yoke allows for flush mounting of trims to ceiling face.

Accommodates ceilings up to 1-1/2" thick.

LISTING

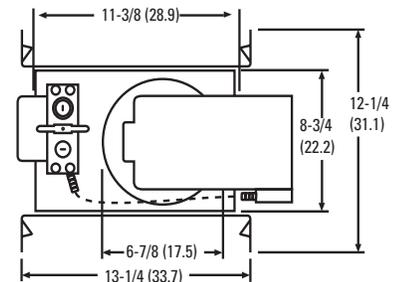
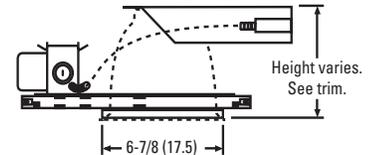
UL Listed to US and Canadian safety standards.

Damp location listed. (See trim selection for wet location listed.)



6" Frame-in
LF6

FLUORESCENT
Non-IC
New Construction



Specifications

Height: 3-1/2 (8.9)
(trim height varies)
Length: 13-1/4 (33.7)
Width: 12-1/4 (31.1)
Ceiling Opening: 7 (17.8)

All dimensions are inches (centimeters).

ORDERING INFORMATION

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

Example: LF6 2/26DTT MVOLT F602AZ

LF6								Reflector		
Series	Lamps	Volt	Options							
LF6	2/13DTT ¹	MVOLT ² 120 277 347 ³	DMHL	Lutron Compact SE™	F602	White open	F6LD1 PF	Drop opal lens ⁴		
	2/18DTT		electronic dimming ballast,	F602A	Clear diffuse open	F6LD2 PF	Drop prismatic lens ⁴			
	2/26DTT		120V or 277V; minimum	F602AZ	Clear specular open	F6LF1 PF	Flush opal lens ⁴			
				dimming level 5%.	F602G	Gold diffuse open	F6LF2 PF	Flush prismatic lens ⁴		
			ADEZ	Advance Mark 10™	F602GZ	Gold specular open	F6LD3	White splay, drop opal lens ⁴		
				electronic dimming ballast,	F6B3	Black baffle	F6LDB3	Black baffle, drop opal lens ⁴		
				120 or 277V; minimum	F6B3W	White baffle	F6LFB3	White splay, flat white lens ⁴		
				dimming level 5%	F6W1	White wallwash	F6LFB3	Black baffle, flat white lens ⁴		
			EL	Emergency battery pack with integral test switch ⁴	F6W1A	Clear diffuse wallwash	F6L4	White splay, flat fresnel lens ⁴		
			ELR	Emergency battery pack with remote test switch ⁴	F6W1G	Gold diffuse wallwash	F6LB4	Black baffle, flat fresnel lens ⁴		
			BDP	Ballast disconnect plug (meets codes that require in-fixture disconnect)	F6W1AZ	Clear specular wallwash	F6LF73	White splay, tempered T73 flat prismatic lens ⁴		
			GMF	Single slow-blow fuse	F6W1GZ	Gold specular wallwash	F6LFB73	Black baffle, tempered T73 flat prismatic lens ⁴		
			WLP	35K lamp (shipped separately)	F6W1PR	Pewter wallwash				
			TRW	White flange	F6W1WTZ	Wheat specular wallwash				

NOTES:

1 Not available with ADEZ or DMHL.

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 Lens removal required before EL testing.

See trim specification sheet for maximum wattages.

Accessories:

Order as separate catalog number.

LBH	22" extended bar hangers, set of two
LCMB	Channel bar mounting brackets, set of two
LSMC	T-bar mounting clips, set of four

LF6 Series 6" Fluorescent LF6 Full Reflector Trims

Distribution curve	Distribution data	Output data	Coefficient of utilization	Single luminaire data 30" above floor							
F602AZ, (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 rw	80% 50% 30%	20% 50% 30%	50% 30%	Mount height	Initial fc at beam center	50% Beam angle 58.6°	10% Beam angle 98.8°
	0°	887	0°-30° 741 20.60	1	54 52 53 51 51 50	50 30%	50 30%	8'	29.3	6.7 14.7	13.8 2.9
	5°	903	0°-40° 1165 32.36	2	50 48 49 47 47 46	46 30%	45 30%	10'	15.8	9.1 7.9	18.8 1.6
	15°	960	0°-60° 1750 48.62	3	46 43 45 42 44 42	42 30%	41 30%	12'	9.8	11.5 4.9	23.8 1.0
	25°	841	0°-90° 1759 48.89	4	42 39 41 39 40 38	39 30%	38 30%	14'	6.7	13.9 3.4	28.8 .7
	35°	666	90°-180° 0 0.00	5	39 35 38 35 37 35	35 30%	32 30%	16'	4.9	16.4 2.4	33.8 .5
	45°	569	0°-180° 1759 48.89*	6	35 32 35 32 34 31	32 30%	29 30%				
	55°	144		7	32 29 32 29 31 28	29 30%	26 30%				
	65°	7		8	29 26 29 26 29 26	26 30%	23 30%				
	75°	1		9	27 23 27 23 26 23	23 30%	21 30%				
	85°	0		10	25 21 24 21 24 21	21 30%	21 30%				
	90°	0									

F6B3,(2) Philips PL-C 26W/27SH lamp, 0.9 s/mh, 3600 rated lumens, test no. 2195072601											
	From 0°	cp. Lumens	Zone Lumens %lamp	rf rc rw	80% 50% 30%	20% 50% 30%	50% 30%	Mount height	Initial fc at beam center	50% Beam angle 49.3°	10% Beam angle 82.1°
	0°	869	0°-30° 565 15.71	1	29 28 27 27 26 26	27 30%	26 30%	8'	28.7	5.1 14.4	9.6 2.9
	5°	864	0°-40° 773 21.48	2	27 26 26 25 25 24	26 30%	25 30%	10'	15.5	6.9 7.7	13.1 1.5
	15°	784	0°-60° 925 25.69	3	25 24 24 23 24 23	24 30%	23 30%	12'	9.6	8.7 4.8	16.5 1.0
	25°	570	0°-90° 936 26.02	4	24 22 23 22 22 22	22 30%	21 30%	14'	6.6	10.6 3.3	20.0 .7
	35°	326	90°-180° 0 0.00	5	22 21 22 20 21 20	21 30%	19 30%	16'	4.8	12.4 2.4	23.5 .5
	45°	131	0°-180° 936 26.02*	6	21 19 20 19 20 19	19 30%	18 30%				
	55°	41		7	20 18 19 18 19 18	18 30%	17 30%				
	65°	6		8	18 17 18 17 18 17	17 30%	16 30%				
	75°	3		9	17 16 17 16 17 15	16 30%	15 30%				
	85°	1		10	16 15 16 15 16 14	15 30%	14 30%				
	90°	0									

F6L4, (2) Philips PL-C 26W/27SH lamp, .98 s/mh, 3600 rated lumens, Test no. 2197042405									
	cp. Lumens	Zone Lumens % Lamp	pf pc pw	80% 50% 30%	20% 50% 30%	50% 30%	Task Height: 2.5ft.	10% beam - 85.8'	50% beam - 53.6'
	5 800 76	0° - 30° 552.2 15.3	0	35 35 35 35 33 33	35 30%	33 30%	Initial FC		
	15 742 209	0° - 40° 763.9 21.2	1	32 31 32 31 30 30	32 30%	30 30%	Mounting Center		
	25 594 267	0° - 60° 996.5 27.7	2	29 28 29 27 28 27	29 30%	27 30%	Height	Beam Diameter FC	Diameter FC
	35 339 212	0° - 90° 1072.0 29.8	3	27 25 26 25 25 24	27 30%	25 30%	8.0 25.8 5.6 12.9	10.2 2.6	
	45 182 140	90° - 180° 0.0 0.0	4	24 22 24 22 23 22	24 30%	22 30%	10.0 13.9 7.6 6.9	13.9 1.4	
	55 103 93	0° - 180° 1072.0 *29.8	5	22 20 22 20 22 20	22 30%	20 30%	12.0 8.6 9.6 4.3	17.7 0.9	
	65 55 57		6	21 18 20 18 20 18	21 30%	18 30%	14.0 5.9 11.6 2.9	21.4 0.6	
	75 13 18		7	19 17 19 17 19 17	19 30%	17 30%	16.0 4.3 13.6 2.1	25.1 0.4	
	85 0 0		8	18 16 18 16 17 15	18 30%	16 30%			
	90 0 0		9	17 15 16 14 16 14	17 30%	15 30%			
			10	16 14 15 13 15 13	16 30%	13 30%			