

## FEATURES & SPECIFICATIONS

### INTENDED USE

Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where a baffled 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, ½" 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) ¾" and (4) ½" 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. The black or white baffled reflectors have a semi-specular upper finish with a white painted flange standard.

### 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:

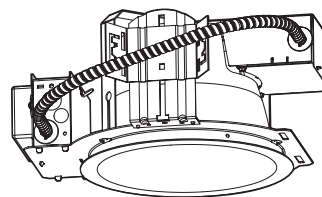
TRT 4-pin lamps – 26W (GX24Q-3); 32W (GX24Q-3); 42W (GX24Q-4)

### LISTING

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

Catalog Number	
Notes	Type

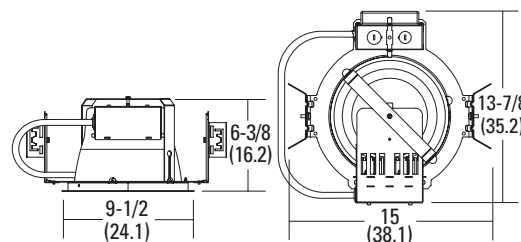
### Compact Fluorescent Downlighting



# 8" LF8N

### BAFFLE

Horizontal 2-Lamp, Triple Tube (TRT)



### Specifications

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

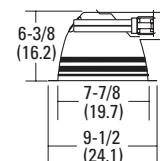
Ceiling Opening: 8-3/4 (22.2)

Overlap Trim: 9-1/2 (24.1)

Length: 15 (38.1)

Width: 13-7/8 (35.2)

All dimensions are inches (centimeters).



## ORDERING INFORMATION

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

Example: LF8N 2/26-42TRT F8B4 MVOLT

LF8N							
Series	Wattage/Lamp	Reflector/Color <sup>2</sup>		Voltage	Options <sup>8</sup>		
LF8N	2/26-42TRT <sup>1</sup>	F8B4	Black baffle	MVOLT <sup>3</sup>	ADEZ	Advance Mark 10™ electronic dimming ballast, 120V or 277V. Must be wattage and voltage specific. Minimum dimming level 5%	
	2/26TRT	F8B4W	White baffle	120	ECOS	Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%	
	2/32TRT			277			
	2/42TRT			347 <sup>4</sup>			

### NOTES:

- Not available with ECOS or WLP.
- 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 emergency 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

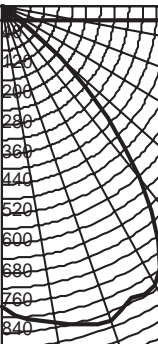
SCA8 Sloped ceiling adaptor. Degree of slope must be specified (10D, 15D, 20D, 25D, 30D) Ex: SCA8 10D.

CTE8 Ceiling thickness extender is used when ceiling thickness is greater than 1-1/2 (3.8). Maximum thickness 2 (5.1).

- GMF Single slow-blow fuse, must specify voltage
- BDP Ballast disconnect plug (meets codes that require in-fixture disconnect)<sup>4</sup>
- WLP 35K lamp (shipped separately)
- RIF1 Radio Interference Filter
- NSD Sensor Switch nLight™ dimming relay<sup>7</sup>
- LBH Less Barhangers

# 8" LF8N Horizontal, 2-Lamp Triple Tube (TRT), Baffle

LF8N 2/26TRT F8B4 MVOLT, (2) 26W TRT lamps, 1.47 s/mh, 1800 rated lumens, test no. LTL12106

Intensity Distribution					Coefficients of Utilization							
	Horizontal Angle		Zonal Lumen Summary			pf	20%					
	Vertical Angle	0	Zone	Lumens	% Lamp	pc	80%		70%		50%	
						pw	50%	30%	50%	30%	50%	30%
120	0	811	0° - 30°	762.2	21.2	0	55	55	54	54	51	51
240	5	847	0° - 40°	1220.8	33.9	1	50	49	49	48	48	47
360	15	886	0° - 60°	1650.5	45.8	2	46	44	45	43	44	42
480	25	869	0° - 90°	1664.6	46.2	3	42	39	41	39	40	38
600	35	772	90° - 180°	0.0	0.0	4	38	35	38	35	37	34
720	45	423	0° - 180°	1664.6	*46.2	5	35	32	35	32	34	31
840	55	42	*Total Efficiency			6	32	29	32	29	31	28
	65	7				7	30	26	29	26	29	26
	75	3				8	27	24	27	24	26	24
	85	1				9	25	22	25	22	25	22
	90	0				10	24	20	23	20	23	20

LF8N 2/32TRT F8B4 MVOLT, (2) 32W TRT lamps, 1.43 s/mh, 2400 rated lumens, test no. LTL12110

Intensity Distribution						Coefficients of Utilization						
Horizontal Angle		Zonal Lumen Summary				pf	20%					
Vertical Angle	0	Zone	Lumens	% Lamp	pc	80%		70%		50%		
						pw	50% 30%	50% 30%	50% 30%			
90°	0	1030	0° - 30°	947.1	19.7	0	51	51	50	50	47	47
80°	5	1053	0° - 40°	1504.9	31.4	1	47	45	46	44	44	43
70°	15	1058	0° - 60°	2029.5	42.3	2	42	40	42	40	40	39
60°	25	992	0° - 90°	2046.0	42.6	3	39	36	38	36	37	35
50°	35	843	90° - 180°	0.0	0.0	4	35	33	35	32	34	32
40°	45	477	0° - 180°	2046.0	*42.6	5	32	29	32	29	31	29
30°	55	59	*Total Efficiency			6	30	27	29	27	29	26
20°	65	8				7	27	24	27	24	26	24
10°	75	4				8	25	22	25	22	25	22
0°	85	1				9	23	20	23	20	23	20
	90	0				10	22	19	22	19	21	19

LF8N 2/42TRT F8B4 MVOLT, (2) 42W TRT lamps, 1.38 s/mh, 3200 rated lumens, test no. LTL12049

Intensity Distribution						Coefficients of Utilization								
Vertical Angle	Horizontal Angle		Zonal Lumen Summary			pf	20%							
	0		Zone	Lumens	% Lamp		pc	80%		70%		50%		
							pw	50%	30%	50%	30%	50%	30%	
90°	0	1329	0° - 30°	1181.5	18.5	ROR	0	48	48	46	46	44	44	
80°	5	1353	0° - 40°	1867.6	29.2		1	44	42	43	42	41	40	
70°	15	1364	0° - 60°	2536.7	39.6		2	40	38	39	37	38	36	
60°	25	1272	0° - 90°	2557.6	40.0		3	36	34	36	34	35	33	
50°	35	1131	90° - 180°	0.0	0.0		4	33	31	33	30	32	30	
40°	45	708	0° - 180°	2557.6	*40.0		5	30	28	30	27	29	27	
30°	55	130	*Total Efficiency				6	28	25	28	25	27	24	
20°	65	11					7	26	23	25	23	25	22	
10°	75	5					8	24	21	23	21	23	21	
0°	85	1					9	22	19	22	19	21	19	
	90	0				10	20	18	20	18	20	17		