

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, 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. 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 1-3/4 (4.4) 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:

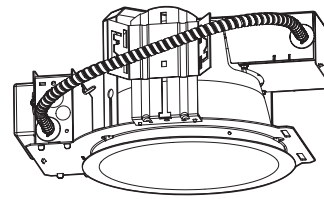
TRT 4-pin lamps – 26W (GX24Q-3); 32W (GX24Q-3); 42W (GX24Q-4)

LISTINGS

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

Catalog Number	
Notes	Type

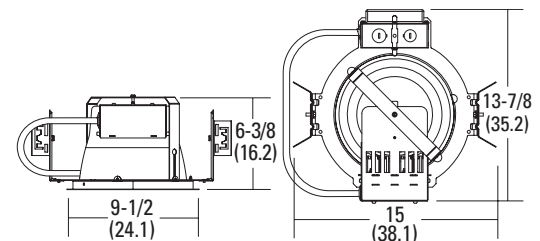
Compact Fluorescent Downlighting



8" LF8N

OPEN REFLECTOR

Horizontal 2-Lamp, Triple Tube (TRT)



Specifications

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

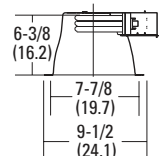
Ceiling Opening: 8-3/4 (22.2)

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)**.

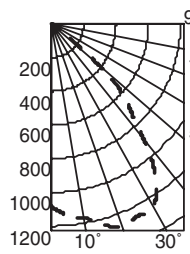
Example: LF8N 2/26-42TRT F803AZ MVOLT

LF8N						
Series	Wattage/Lamp	Reflector/Color		Lens Type		Voltage
LF8N	2/26-42TRT¹	F803	White open	(blank)	No lens	MVOLT²
	2/26TRT	F803A	Clear diffuse open	CGL	Clear glass lens	120
	2/32TRT	F803AZ	Clear semi-specular open	T73	Tempered glass prismatic lens	277
	2/42TRT			PCL	Clear polycarbonate lens	347 ³
		F803G	Gold diffuse open			
		F803GZ	Gold semi-specular open			
		F803PR	Pewter diffuse open			
		F803WTZ	Wheat semi-specular open			
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 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. 5 Not recommended for field installation. 6 One 5A relay with one 0-10 VDC dimming output, shipped installed. Requires additional nLight bus power supply. 7 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).						
Options⁷ ADEZ Advance Mark 10TM electronic dimming ballast, 120V or 277V. Must be voltage specific. Minimum dimming level 5% ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5% EL Emergency PSDL3 DL battery pack with integral test switch. Lens removal required before EL testing⁴ ELR Emergency PSDL3 DL battery pack with remote test switch⁴ ELRHL2LP Iota I-162 Emergency battery pack with remote test switch. Operates two 26W, two 32W or two 42W CFL lamps in emergency mode with battery back-up in case of power disruption. Average output is 2600 lumens for two 26W lamps; average output is 2750 lumens for two 32W lamps; average output is 2800 lumens for 42W lamps⁵ GMF Single slow-blow fuse, must specify voltage BDP Ballast disconnect plug (meets codes that require in-fixture disconnect)³ WLP 35K lamp (shipped separately) TRW White flange RIF1 Radio Interference Filter NSD Sensor Switch nLightTM dimming relay⁶ LBH Less Barhangers						

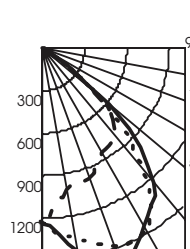
8" LF8N Horizontal, 2-Lamp Triple Tube (TRT), Open

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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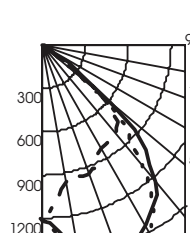
LF8N 2/32TRT F803AZ CGL MVOLT, (2) 32W TRT Lamps, 2400 lumens per lamp, 1.6 s/mh, Test No. LTL15079

	90°	0°	Zone	Lumens	% Lamp	pf	20%				Task Height: 2.5ft. 50% beam - 10% beam 73.3° - 101.5°
	70°	0°	0° - 30°	1042	21.7	pc	80%	70%	50%		
	400	5°	0° - 40°	1717	35.8	pw	50% 30%	50% 30%	50% 30%		
	600	15°	0° - 60°	2465	51.3	0	62	62	61	61	
	800	25°	0° - 90°	2498	52.0	1	57	55	55	54	
	1000	35°	90° - 180°	0	0.0	2	51	49	51	48	
	1200	45°	0° - 180°	2498	52.0	3	47	43	46	43	
		55°				4	42	39	42	38	
		65°				5	39	35	38	35	
		75°				6	35	31	35	31	
		85°	Efficiency: 52.0%			7	32	29	32	28	
		90°				8	30	26	29	26	
						9	28	24	27	24	
						10	25	22	25	22	

LF8N 2/32TRT F803A MVOLT, (2) 32W TRT lamps, 1.6 s/mh, 4800 rated lumens, test no. LTL12058

	90°	cp	Lumens	Zone	Lumens % Lamp	pf	20%				Task Height: 2.5ft. 50% beam - 10% beam - 73.5° - 101.9°
	70°	0	1230	0° - 30°	1185.8	24.7	pc	80%	70%	50%	
	600	15	1421	0° - 40°	1957.6	40.8	pw	50% 30%	50% 30%	50% 30%	
	900	25	1437	0° - 60°	2842.3	59.2	0	71	71	70	
	1200	35	1240	0° - 90°	2871.7	59.8	1	65	63	64	
	1500	45	883	90° - 180°	0.0	0.0	2	59	56	58	
		55	221	0° - 180°	2871.7	*59.8	3	54	50	53	
		65	19				4	49	45	48	
		75	5				5	44	40	44	
		85	1				6	41	36	40	
		90	0				7	37	33	37	
							8	34	30	34	
							9	32	27	31	
							10	29	25	29	

LF8N 2/32TRT F803AZ MVOLT, (2) 32W TRT lamps, 1.6 s/mh, 4800 rated lumens, test no. LTL12057

	90°	cp	Lumens	Zone	Lumens % Lamp	pf	20%				Task Height: 2.5ft. 50% beam - 10% beam - 73.8° - 101.7°
	70°	0	1215	0° - 30°	1172.6	24.4	pc	80%	70%	50%	
	600	15	1405	0° - 40°	1940.8	40.4	pw	50% 30%	50% 30%	50% 30%	
	900	25	1418	0° - 60°	2801.3	58.4	0	70	70	68	
	1200	35	1232	0° - 90°	2818.0	58.7	1	64	62	63	
	1500	45	905	90° - 180°	0.0	0.0	2	58	55	57	
		55	169	0° - 180°	2818.0	*58.7	3	53	49	52	
		65	10				4	48	44	47	
		75	3				5	44	40	43	
		85	1				6	40	36	40	
							7	37	32	36	
							8	34	29	33	
							9	31	27	31	

NOTE: Energy (Calculated in accordance with NEMA Standard LE-5)