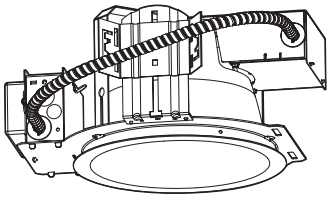
LITHONIA LIGHTING®

Catalog Number	
Notes	Type

FEATURES & SPECIFICATIONS

Compact Fluorescent Downlighting



8″ LF8N

BAFFLE

Horizontal 2-Lamp, Triple Tube (TRT)

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.

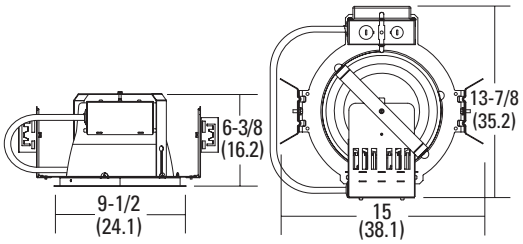
Rated for #12 AWG conductor thru-branch wiring. Minimum 90° supply wire. Ground wire provided.

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.



Specifications

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

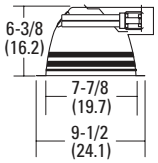
Ceiling Opening: 8-3/4 (22.2)

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[2]	Voltage
LF8N	**2/26-42TRT[1]**	**F8B4 Black baffle**	**MVOLT[3]**
	2/26TRT	**F8B4W White baffle**	120
	2/32TRT		277
	2/42TRT		347[4]

Options[8]	
ADEZ	Advance Mark 10™ electronic dimming ballast, 120V or 277V. Must be wattage and 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[5]**
ELR	**Emergency PSDL3 DL battery pack with remote test switch[5]**
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 lamps[6]
GMF	Single slow-blow fuse, must specify voltage
BDP	Ballast disconnect plug (meets codes that require in-fixture disconnect)[4]
WLP	35K lamp (shipped separately)
RIF1	Radio Interference Filter
NSD	Sensor Switch nLight™ dimming relay[7]
LBH	Less Barhangers

NOTES:

1 Not available with ECOS or WLP.

2 White painted flange standard.

3 Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.

4 Not available with EL or ELR.

5 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.

6 Not recommended for field installation.

7 One 5A relay with one 0-10 VDC dimming output, shipped installed. Requires additional nLight bus power supply.

8 For additional options see lithonia.com.

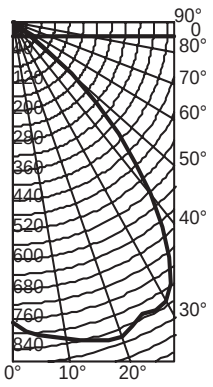
Accessories

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).

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

Vertical Angle	Horizontal Angle 0
0	811
5	847
15	886
25	869
35	772
45	423
55	42
65	7
75	3
85	1
90	0

Zonal Lumen Summary

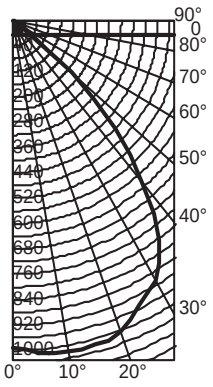
Zone	Lumens	% Lamp
0° - 30°	762.2	21.2
0° - 40°	1220.8	33.9
0° - 60°	1650.5	45.8
0° - 90°	1664.6	46.2
90° - 180°	0.0	0.0
0° - 180°	1664.6	*46.2

*Total Efficiency

Coefficients of Utilization

RCR	pf / pc / pw	80% 50%	80% 30%	70% 50%	70% 30%	50% 50%	50% 30%
	0	55	55	54	54	51	51
	1	50	49	49	48	48	47
	2	46	44	45	43	44	42
	3	42	39	41	39	40	38
	4	38	35	38	35	37	34
RCR	5	35	32	35	32	34	31
	6	32	29	32	29	31	28
	7	30	26	29	26	29	26
	8	27	24	27	24	26	24
	9	25	22	25	22	25	22
	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

Vertical Angle	Horizontal Angle 0
0	1030
5	1053
15	1058
25	992
35	843
45	477
55	59
65	8
75	4
85	1
90	0

Zonal Lumen Summary

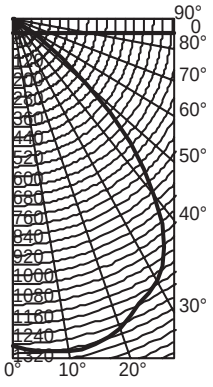
Zone	Lumens	% Lamp
0° - 30°	947.1	19.7
0° - 40°	1504.9	31.4
0° - 60°	2029.5	42.3
0° - 90°	2046.0	42.6
90° - 180°	0.0	0.0
0° - 180°	2046.0	*42.6

*Total Efficiency

Coefficients of Utilization

RCR	pf / pc / pw	80% 50%	80% 30%	70% 50%	70% 30%	50% 50%	50% 30%
	0	51	51	50	50	47	47
	1	47	45	46	44	44	43
	2	42	40	42	40	40	39
	3	39	36	38	36	37	35
	4	35	33	35	32	34	32
RCR	5	32	29	32	29	31	29
	6	30	27	29	27	29	26
	7	27	24	27	24	26	24
	8	25	22	25	22	25	22
	9	23	20	23	20	23	20
	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

Vertical Angle	Horizontal Angle 0
0	1329
5	1353
15	1364
25	1272
35	1131
45	708
55	130
65	11
75	5
85	1
90	0

Zonal Lumen Summary

Zone	Lumens	% Lamp
0° - 30°	1181.5	18.5
0° - 40°	1867.6	29.2
0° - 60°	2536.7	39.6
0° - 90°	2557.6	40.0
90° - 180°	0.0	0.0
0° - 180°	2557.6	*40.0

*Total Efficiency

Coefficients of Utilization

RCR	pf / pc / pw	80% 50%	80% 30%	70% 50%	70% 30%	50% 50%	50% 30%
	0	48	48	46	46	44	44
	1	44	42	43	42	41	40
	2	40	38	39	37	38	36
	3	36	34	36	34	35	33
	4	33	31	33	30	32	30
RCR	5	30	28	30	27	29	27
	6	28	25	28	25	27	24
	7	26	23	25	23	25	22
	8	24	21	23	21	23	21
	9	22	19	22	19	21	19
	10	20	18	20	18	20	17

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An AcuityBrands Company

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