



4' Nominal Style



2' Nominal Style

Quick release diffuser clamp and hinged cover requires no special tools.

LZ2N/LZ2S luminaires contain no exposed glass and carry Class II, "G" ratings required for many food processing areas.

**Class I, Div. 2 Groups A,B,C,D**  
**Class I, Zones 2, Groups IIC,IIB,IIA**  
**Class II, Div. 1 & 2, Groups F,G**  
**AEx nAll, Ex nAll**  
**Wet Locations**  
**NEMA 4X, IP66**

Certified - File LR11713

**ABS Type Approval**  
**NSF Food Handling**

FEATURES-SPECIFICATIONS

**LINEARLITE®** \*

\* marca registrada MEXICO

**Applications**

LINEARLITE® rugged Non-Metallic fluorescent fixtures are suitable for wet, harsh and hazardous locations. Use where enclosed and gasketed fixtures are required to withstand exposure to moisture, dust and corrosives. The LZ2N Series can also be used in Class I, Division 2 and Zone 2 hazarous vapors and in Class II areas where combustible dusts may exist. Typical areas used are in refineries, chemical plants, waste water & sewage treatment facilities, as well as in tunnels, food processing and coastal areas.

**ABS** (American Bureau of Shipping) type approval for use on decks, vessels, platforms, barges, ships and boats. Also suitable for docks and marinas.

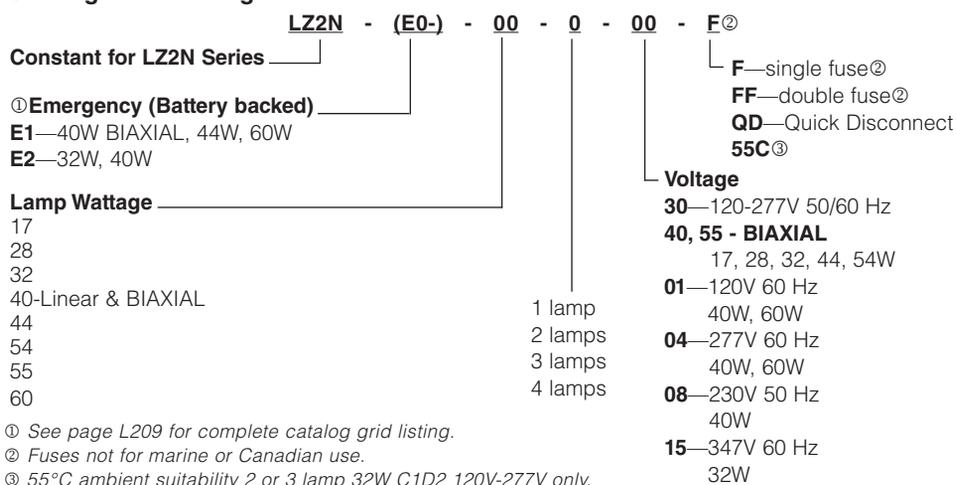
**NSF** (National Sanitation Foundation) approved for "Food Handling" areas, typically requiring non-glass lighting.

**Features**

- Housing-one piece fiberglass reinforced polyester, NEMA 4X & IP66 rated.
- Lexan® Clear Lens, impact resistant polycarbonate
- Two 3/4" NTP aluminum hubs - one at each end (includes one 3/4" close-up plug and two 3/4" x 1/2" reducers for maximum user flexibility)
- Two 1/4"-20 aluminum bushings furnished in top of fixture for threaded rod
- 2' and 4' luminaires
- Lamp types-  
Linear 17, 28, 32, 40, 44, 54, 60W  
Long compact 40, 55W (single ended)
- Electronic ballast standard
- World voltage (most models) 120 thru 277V, 50/60 Hz

Lexan® is a registered trademark of General Electric

**Catalog Number Logic**



LZ2N, LZ2NE HAZARDOUS LOCATION APPLICATION DATA										
NUMBER OF LAMPS/WATTS	RATED AMBIENT °C	SUITABLE FOR °C SUPPLY WIRE	CLASS I, DIV. 2 MAX. SURFACE TEMP.			CLASS II, DIV. 1 & 2 MAX. SURFACE TEMP.			CLASS III DIV. 1 & 2 SUITABILITY	NEMA 4X IP66
			TEMP.	T-CODE	GROUPS	TEMP.	T-CODE	GROUPS		
2 X 17W	40°	60	85°C	T5	A, B, C, D	100°C	T5	F, G	Yes	Yes
3 X 17W	40°	60	85°C	T5	A, B, C, D	100°C	T5	F, G	Yes	Yes
1 X 40W BIAxIAL	40°	60	100°C	T5	A, B, C, D	100°C	T5	F, G	Yes	Yes
1 X 55W BIAxIAL	40°	60	160°C	T3C	A, B, C, D	100°C	T5	F, G	Yes	Yes
2 X 40W BIAxIAL	40°	60	100°C	T5	A, B, C, D	100°C	T5	F, G	Yes	Yes
4 X 40W BIAxIAL	40°	60	120°C	T4A	A, B, C, D	100°C	T5	F, G	Yes	Yes
2 X 28W	40°	60	120°C	T4A	A, B, C, D	100°C	T5	F, G	Yes	Yes
3 X 28W	40°	60	120°C	T4A	A, B, C, D	100°C	T5	F, G	Yes	Yes
2 X 32W	40°	75	85°C	T6	A, B, C, D	100°C	T5	F, G	Yes	Yes
2 X 32W	55°ⓐ	90	100°C	T5	A, B, C, D	N/A	N/A	N/A	Yes	Yes
3 X 32W	40°	75	85°C	T6	A, B, C, D	100°C	T5	F, G	Yes	Yes
3 X 32W	55°ⓐ	90	100°C	T5	A, B, C, D	N/A	N/A	N/A	Yes	Yes
2 X 40W	40°	60	120°C	T4A	A, B, C, D	100°C	T5	F, G	Yes	Yes
2 X 44W	40°	60	100°C	T5	A, B, C, D	100°C	T5	F, G	Yes	Yes
2 X 54W T5	40°	75	160°C	T3C	A, B, C, D	100°C	T5	F, G	Yes	Yes
3 X 54W T5	40°	75	180°C	T3A	A, B, C, D	120°C	T4A	F, G	Yes	Yes
2 X 60W	40°	75	135°C	T4	A, B, C, D	100°C	T5	F, G	Yes	Yes

ⓐ LZ2NE, 40°C max. battery models.





<b>LZ2N NON-METALLIC</b>			
<b>NUMBER OF LAMPS/WATTS</b>	<b>VOLTAGE AC 60 Hz</b>	<b>DESCRIPTION</b>	<b>LZ2N</b>
<b>BIAXIAL LAMP TYPE FIXTURES</b>			
1-40W	120-277V	2' 1-Lamp Biaxial Electronic 50/60 Hz 0°F Start 4-Pin	<b>LZ2N40130</b>
1-55W	120-277V	2' 1-Lamp Biaxial Electronic 50/60 Hz 0°F Start 4-Pin	<b>LZ2N55130</b>
2-40W	120-277V	2' 2-Lamp Biaxial Electronic 50/60 Hz 0°F Start 4-Pin	<b>LZ2N40230</b>
4-40W	120-277V	4' 4-Lamp Biaxial Electronic 50/60 Hz 0°F Start 4-Pin	<b>LZ2N40430</b>
<b>DOUBLE-ENDED LAMP TYPE FIXTURES</b>			
2-17W	120-277V	2' 2-Lamp T8 Electronic 50/60 Hz 0°F Start Medium Bi-Pin	<b>LZ2N17230</b>
3-17W	120-277V	2' 3-Lamp T8 Electronic 50/60 Hz 0°F Start Medium Bi-Pin	<b>LZ2N17330</b>
2-28W	120-277V	4' 2-Lamp T-5 Electronic 50/60 Hz 0°F Start Miniature Bi-Pin	<b>LZ2N28230</b>
3-28W	120-277V	4' 3-Lamp T-5 Electronic 50/60 Hz 0°F Start Miniature Bi-Pin	<b>LZ2N28330</b>
2-32W	120-277V 347V	4' 2-Lamp T-8 Electronic 50/60 Hz 0°F Start Medium Bi-Pin	<b>LZ2N32230</b> ① <b>LZ2N32215</b>
3-32W	120-277V 347V	4' 3-Lamp T-8 Electronic 50/60 Hz 0°F Start Medium Bi-Pin	<b>LZ2N32330</b> ① <b>LZ2N32315</b>
2-40W	120V 277V 230V 50 Hz ②	4' 2-Lamp T-12 Electronic, Medium Bi-Pin Start 50°F 40W/60°F 34W	<b>LZ2N40201</b> <b>LZ2N40204</b> <b>LZ2N40208</b>
2-44W	120-277V	4' 2-Lamp T-8 Electronic -20°F Start High Output 50/60 Hz Recessed Double Contact	<b>LZ2N44230</b>
2-54W	120-277V	4' 2-Lamp T-5 Electronic 50/60 Hz -20°F Start Miniature Bi-Pin	<b>LZ2N54230</b>
3-54W	120-277V	4' 2-Lamp T-5 Electronic 50/60 Hz -20°F Start Miniature Bi-Pin	<b>LZ2N54330</b>
2-60W	120-277V	4' 2-Lamp T-12 Electronic -20°F Start High Output 50/60 Hz Recessed Double Contact	<b>LZ2N60230</b>

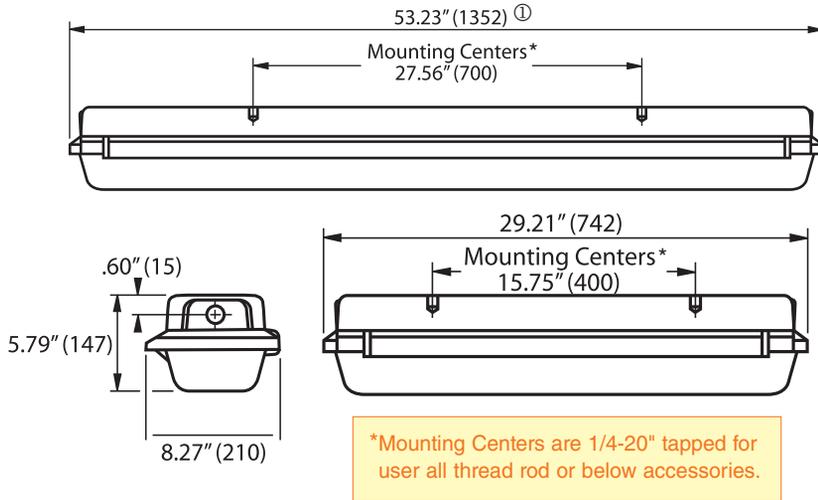
**See page L209  
 for LZ2NE  
 Non-metallic  
 and LZ2SE  
 316 Stainless  
 Emergency  
 Models**

<b>LZ2NAND LZ2S BALLAST DATA</b> ①					
<b>NUMBER OF LAMPS/WATTS</b>	<b>VOLTAGE</b>	<b>LINE CURRENT AMPS</b>		<b>INPUT WATTS</b>	<b>STARTING TEMPERATURE</b>
1 X 40W BIAXIAL	120-277V	.35 (120V)	.15 (277V)	39	0°F (-18°C)
1 X 55W BIAXIAL	120-277V	.49 (120V)	.22 (277V)	58	0°F (-18°C)
2 X 40W BIAXIAL	120-277V	.60 (120V)	.28 (277V)	78	0°F (-18°C)
4 X 40W BIAXIAL	120-277V	1.32 (120V)	.56 (277V)	156	0°F (-18°C)
2 X 17W	120-277V	.32 (120V)	.14 (277V)	38	0°F (-18°C)
3 X 17W	120-277V	.39 (120V)	.17 (277V)	48	0°F (-18°C)
2 X 28W	120-277V	.55 (120V)	.23 (277V)	66	0°F (-18°C)
3 X 28W	120-277V	.83 (120V)	.35 (277V)	99	0°F (-18°C)
2 X 32W	120-277V	.54 (120V)	.24 (277V)	65	0°F (-18°C)
3 X 32W	120-277V	.71 (120V)	.31 (277V)	85	0°F (-18°C)
2 X 40W	120-277V	.62 (120V)	.24 (277V)	71	50°F (10°C) ③
2 X 44W	120-277V	.84 (120V)	.36 (277V)	99	-20°F (-29°C)
2 X 54W	120-277V	1.00 (120V)	.43 (277V)	120	-20°F (-29°C)
3 X 54W	120-277V	1.52 (120V)	.66 (277V)	182	-20°F (-29°C)
2 X 60W	120-277V	1.13 (120V)	.48 (277V)	125	-20°F (-29°C)

① Includes normal powered LZ2NE and LZ2SE models, lamps not included.  
 ② Magnetic ballast.  
 ③ 50°C 34T12; 60°F 40T12.  
 ④ See LOGIC for 55°C ambient suitability.

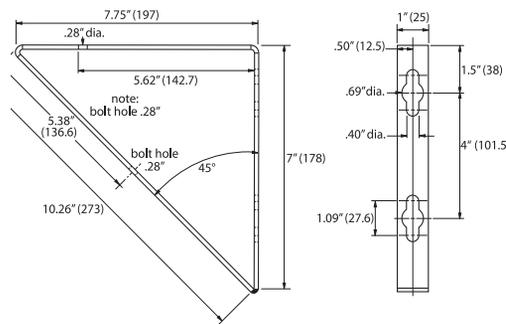
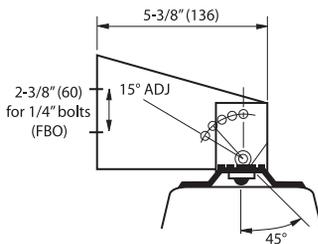


### DIMENSIONS LZ2N, LZ2NE SERIES



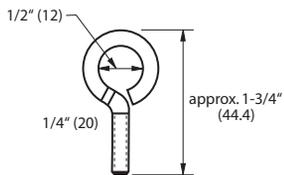
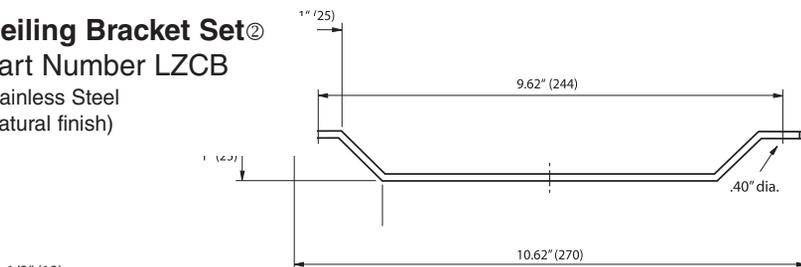
### Mounting Accessories For All LZ2N, LZ2S Series

**Wall Bracket Set<sup>2</sup>**  
Part Number LZWB  
Stainless Steel (natural finish)



**Adjustable Wall Bracket Set<sup>2</sup>**  
Part Number LZAB  
Stainless Steel bracket with ceramic coated pivot bolt

**Ceiling Bracket Set<sup>2</sup>**  
Part Number LZCB  
Stainless Steel (natural finish)



**Eyebolt Set**  
Part Number LZEB  
Stainless Steel bolt with lockwasher & nut (natural finish)

Replacement Parts:	
LZ2N4LENS	4' Lens only LZ2N/LZ2S
LZ2N2LENS	2' Lens only LZ2N/LZ2S
LZ2N4BAR	4' Locking Bar only LZ2N
LZ2N2BAR	2' Locking Bar only LZ2N
LZ2S-LATCH	Latch and Spring

**Suspension Chains (2 required)**  
Part Number HFX-SC  
36" length plated steel chain with snap link ends  
For use with LZEB

<sup>1</sup> Dimensions in ( ) are millimeters.  
<sup>2</sup> Product accessories have hardware for attachment to fixture; hardware to attach to wall/ceiling F.B.O.  
NOTE: Eyebolts are 316 Series, brackets are 300 Series Stainless Steel.

### FLUORESCENT FIXTURE- LZ2N(S)40230

2' - 2 40 Watt Biaxial  
Lamp Type F40/2G11/835/RS  
Lumens 3150 each

**Total Bare Lamp Lumens 6300**

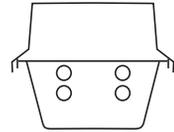
All data provided is for F40/2G11/835/RS lamps

For LZ2N40130 1-lamp models multiply x .50

For LZ2N55130 1-lamp models multiply x .76

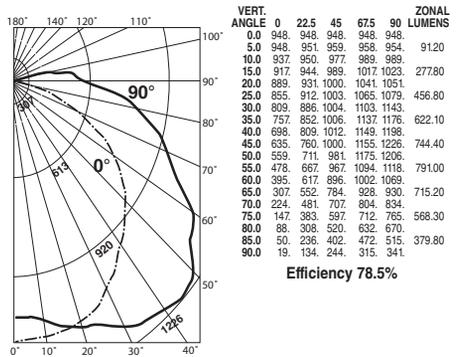
For LZ2N17230 multiply x .44

For LZ2N17330 multiply x .66



#### ZONAL LUMENS

ZONAL LUMENS	
0-30	826
0-40	1447
0-60	2977
0-90	4638



### COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

% EFFECTIVE CEILING CAVITY REFLECTANCE t <sub>cc</sub>	80					70					50					30					10					0									
	70	50	30	10	0	70	50	30	10	0	50	30	10	0	0	50	30	10	0	0	30	10	0	0	0	10	0	0	0	0					
% WALL REFLECTANCE t <sub>w</sub>	20% Effective Floor Cavity Reflectance																																		
ROOM CAVITY RATIO RCR																																			
0	.92	.92	.92	.92	.90	.90	.90	.90	.84	.84	.84	.84	.80	.80	.80	.76	.76	.76	.74																
1	.81	.76	.72	.68	.79	.74	.70	.66	.70	.66	.63	.66	.63	.61	.62	.60	.58	.56																	
2	.73	.65	.58	.53	.70	.63	.57	.52	.59	.54	.50	.56	.52	.48	.53	.49	.46	.44																	
3	.65	.56	.48	.42	.63	.54	.47	.42	.51	.45	.40	.48	.43	.39	.45	.41	.37	.35																	
4	.59	.49	.41	.35	.57	.47	.40	.34	.45	.38	.33	.42	.37	.32	.40	.35	.31	.29																	
5	.54	.43	.35	.29	.52	.42	.34	.29	.39	.33	.28	.37	.32	.27	.35	.30	.26	.24																	
6	.50	.38	.30	.25	.48	.37	.30	.25	.35	.29	.24	.33	.28	.23	.32	.27	.23	.21																	
7	.46	.34	.27	.22	.44	.33	.26	.21	.32	.25	.21	.30	.25	.20	.29	.24	.20	.18																	
8	.43	.31	.24	.19	.41	.30	.24	.19	.29	.23	.18	.27	.22	.18	.26	.21	.17	.16																	
9	.40	.28	.21	.17	.38	.28	.21	.17	.26	.20	.16	.25	.20	.16	.24	.19	.16	.14																	
10	.37	.26	.19	.15	.36	.25	.19	.15	.24	.19	.15	.23	.18	.14	.22	.17	.14	.12																	

SPACING TO MOUNTING HEIGHT RATIO - 1.28 0-180°  
SPACING TO MOUNTING HEIGHT RATIO - 1.88 90-270°

Test No. BAL12356



