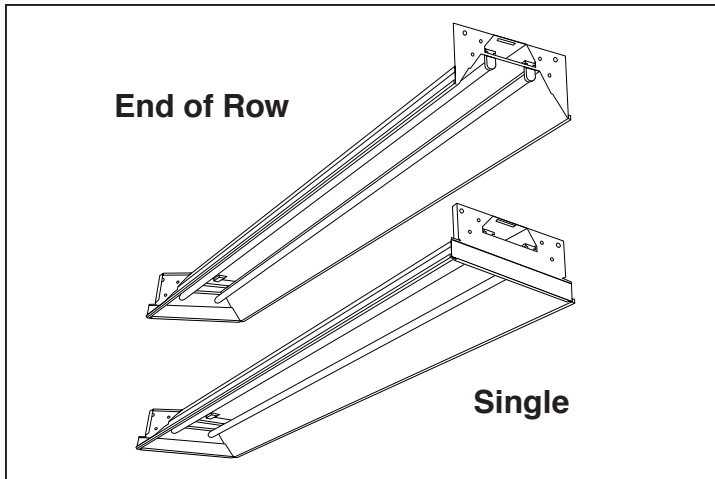


# LB4-248

# LB8-296

## RECESSED CHANNEL TWO LAMP SLIMLINE



Type: \_\_\_\_\_

Job Description: \_\_\_\_\_

### SPECIFICATIONS:

#### Ballasts

Slimline ballasts are thermally protected, automatic resetting, Class P, high power factor, CBM, unless otherwise specified. Two lamp 8', Slimline ballasts are energy efficient.

#### Housing

Heavy gauge cold rolled steel.

#### Finish

All parts painted with high gloss baked white enamel, minimum reflectance 86%, applied over iron phosphate pre-treatment for maximum adhesion and rust resistance.

#### Labels

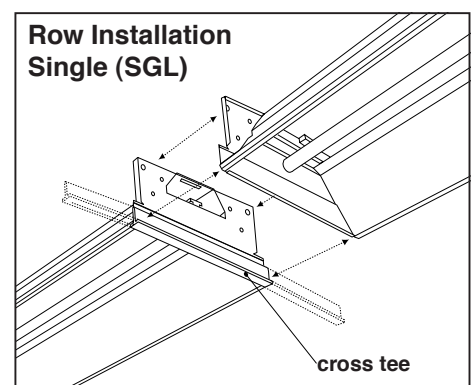
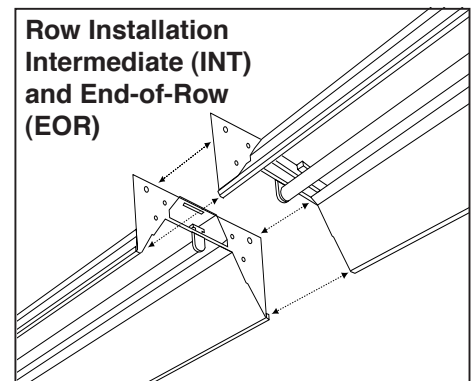
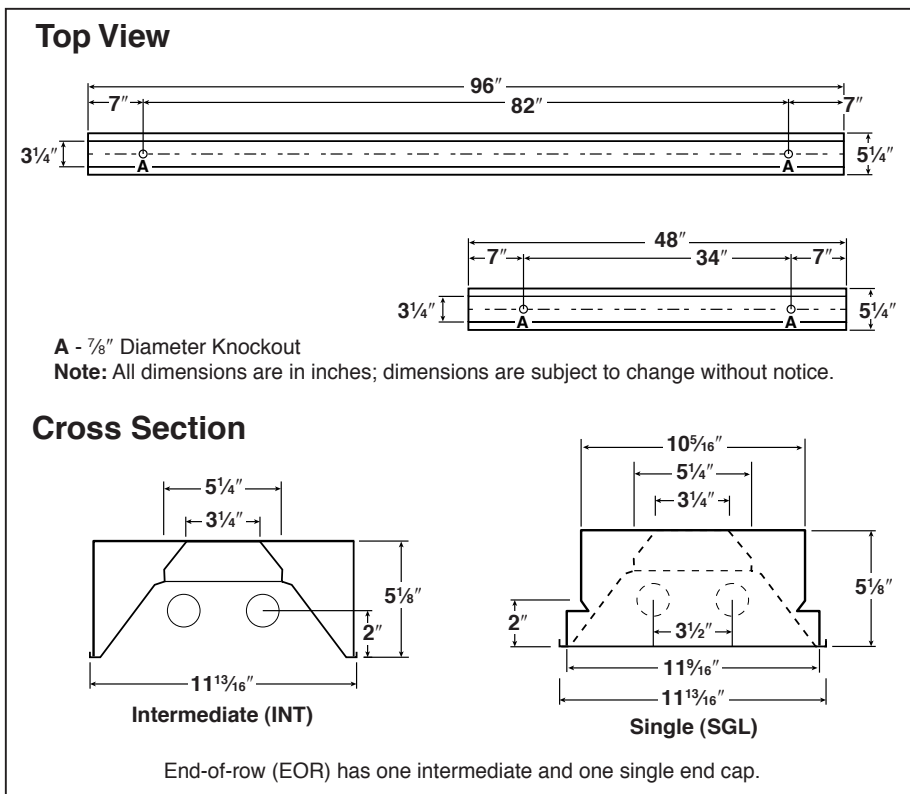
All fixtures are UL listed 1570 and carry the UL label. (CSA approval available. Use Suffix "CSA").

#### Installation:

Single (SGL) units are restricted to installations where cross-tees will be installed between fixture housings. Intermediate (INT) and end-of-row (EOR) units are restricted to installations where no cross-tee will be placed between housings, and must be wire tied to superstructure.

### FEATURES:

- Steel housing and reflector.
- One piece construction for ease of installation. Ready to install out of the carton.
- Assembled fixture drops in from above.
- Ballast cover facilitates maintenance from below, ¼-turn fastener.
- Intermediate (INT) and end-of-row (EOR) fixtures provide a clean, continuous appearance without end caps or cross-tees.
- Single (SGL) units are provided with two end caps and can be mounted individually or in rows where cross-tees are installed between housings.
- Fits all standard inverted tee ceiling openings, 1x4 or 1x8, parallel or perpendicular to the main tees.
- Sockets are accessible for replacement without disassembling the unit.
- T-bar clips are standard on INT and EOR fixtures.



C37

Photometric Report No. 11380



PO Box 2767 (99220) 8808 North Sullivan Road Spokane WA 99216

Tel 509 924 7000

**Environmental Laboratories**

REPORT # 11380  
DATE: 3/ 6/96

LUMINAIRE: LB8-296-120-SGL-PAF

1' X 8' 2-LAMP RECESSED CHANNEL W/WHITE ENAMEL REFLECTOR  
BAL.: R-2E75-S; LAMP: F96/T12; BAL. FAC.: .94; WATTS: 158  
LAMPS RATED AT 6100 LUMENS EACH  
LUMINOUS AREA: 95.5 X 11.4

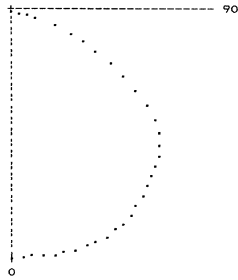
REFLECTANCE: BWE .91

MOUNTING: RECESSED

S/MH: PARL 1.28 NORM 1.41

PLOT OF NORMAL PLANE  
SHIELDING: PARL 2 NORM 11

DEG	C A N D L E P O W E R			
0	22.5	45	67.5	90
5	3165	3165	3165	3165
10	3108	3135	3163	3170
15	3041	3081	3140	3161
20	2947	3014	3092	3135
25	2837	2923	3027	3082
30	2707	2815	2935	3001
35	2548	2683	2820	2886
40	2372	2532	2677	2747
45	2175	2350	2481	2576
50	1958	2153	2266	2405
55	1714	1921	2059	2137
60	1457	1654	1806	1724
65	1184	1353	1416	1272
70	894	1072	978	829
75	602	721	555	423
80	320	343	182	108
85	84	60	46	42
90	0	0	0	0



ZONAL SUMMARY		
ZONE	LUMENS	FIXT
0-30	2567	21.0 25.8
0-40	4304	35.3 43.3
0-60	7973	65.4 80.2
0-90	9942	81.5 100.0
90-180	0	0.0 0.0
0-180	9942	81.5 100.0

This photometric test was performed using a specific ballast / lamp combination. Extrapolation of these data for other ballast / lamp combinations may produce erroneous results. The ballast factor must be applied to the lumen output rating assigned to the lamp(s) or to the candlepower values shown. Luminaire efficacy rating (LER) per NEMA LE5-1993.

LER = 59

TESTED BY: *R.K.* APPROVED BY: *[Signature]*

TEST RUN IN ACCORDANCE TO CURRENT I.E.S. PUBLISHED PROCEDURES

**Coefficients of Utilization**

Zonal Cavity Method

Floor Reflectance - .20

RC RW	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
1	90	86	83	80	87	84	81	79	81	78	76	71	
2	82	76	71	66	80	74	69	65	71	67	64	60	
3	75	67	61	56	73	66	60	55	63	58	54	51	
4	69	59	52	47	67	58	52	47	56	51	46	44	
5	63	52	45	40	61	51	45	39	50	44	39	37	
6	57	47	39	34	56	46	39	34	44	38	34	31	
7	53	42	34	29	51	41	34	29	40	34	29	27	
8	48	37	30	25	47	37	30	25	36	29	25	23	
9	44	33	26	22	43	33	26	22	32	26	21	20	
10	41	30	23	19	40	30	23	19	29	23	19	17	

Coefficients of Utilization

Energy Data

**LER: 59**  
**Input Watts: 158**

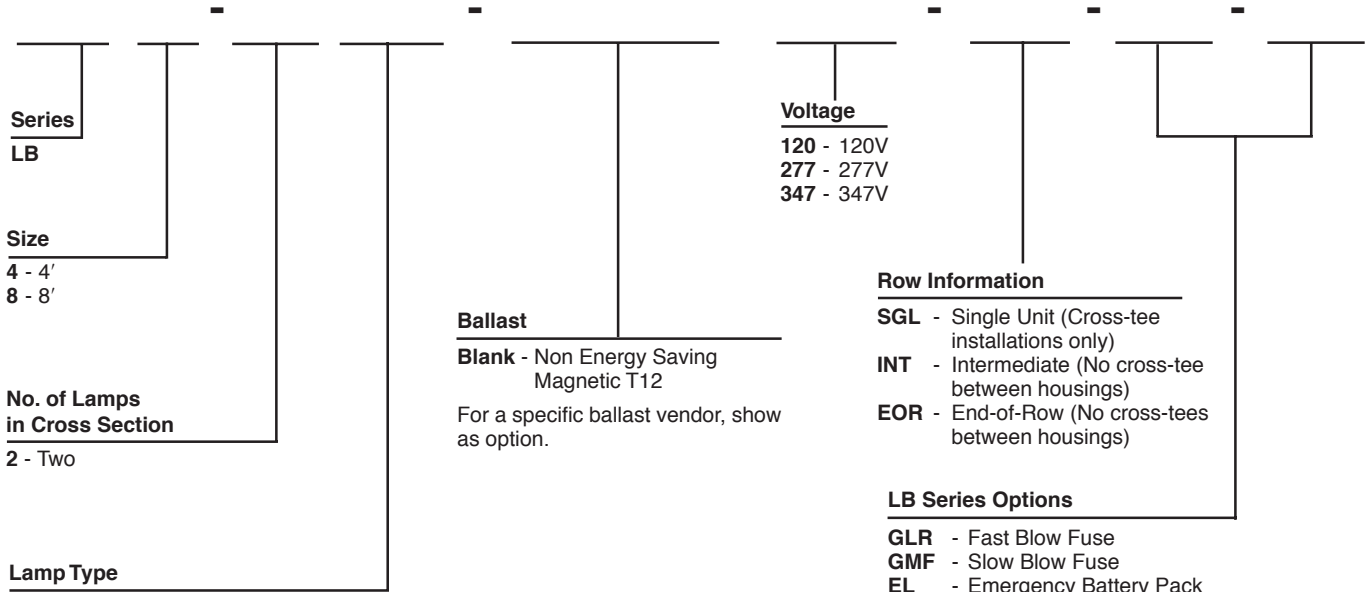
**Energy Cost: \$4.07\***  
**BF: .94**

The above energy calculations were conducted using a specific lamp/ballast combination. Actual results may vary depending upon the lamp and ballast used. Lamp and ballast specifications are subject to change without notice.

\*Comparative annual lighting energy cost per 1000 lumens based on 3000 hours and \$0.08 per KWH.

**Ordering Information**

Example: LB8-296-LE120-SGL



For complete list of options and accessories, see options and accessories section.

