

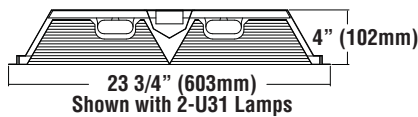
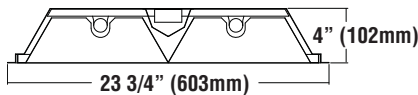
# LEL/FLEL

# SPECIFICATION GRADE ENERGY EFFICIENT LOUVERED TROFFER (2X2)



### DIMENSIONS

### Renew Series



### PRODUCT HIGHLIGHTS

- Extra-high efficiency - 93.0%\*
- Optimum lamp spacing for uniform light distribution
- Integral EQ grid clips

**APPLICATION** - Recessed grid or flanged troffer.

**CONSTRUCTION** - Housing/end sections constructed of structurally embossed, 22-gauge, cold rolled steel. Wire way covers snap in for easy attachment/removal. Access plate provided as standard for flexible conduit attachment.

**LOUVER** - Louver finished in a low matte polyester powder. Construction features aluminum cross baffle of ridged material with internal lamp seeding notches for optimal efficiency and full light distribution.



**ELECTRICAL** - All devices UL/CUL listed. Suitable for damp locations. Damp location emergency pack must be specified separately. Ballasts are energy saving, solid-state electronic. Ballasts and lampholders replaceable without removing from ceiling. Discrete voltage must be specified for emergency pack options when wired with flex. Where lamps are included as part of the fixture, lamp CRI and color temperature must be specified.

**FINISH** - All metal parts painted after fabrication following treatment with phosphate rust inhibitor. Finish coating of housing reflecting surfaces is with white, high reflectance (minimum 92%) polyester powder.

**PHOTOMETRICS** - Please visit our web site at [www.lsi-industries.com](http://www.lsi-industries.com) for detailed photometric data.

## LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **LILEL 6 2 17 SS010 LM841 UE**

Prefix	Shielding	Lamps	Lamp Type	Ballasts	Options	Voltage
LILEL - Grid LIFLEL - Flanged	6 - 6 Cell Louver	2	17 - 17w T8 24" 31 - 31w T8 u-bent <sup>1</sup> 40BX - 40w Biax 50BX - 50wBiax 14 - 14w T5 21" 24 - 24w T5HO 21"	SS5 - T5 Instant Start SS5R - T5 Rapid Start SS5D - T5 Dimming (specify type) SS5HO - T5HO SS5HOD - T5HO Dimming (specify type) SSOD - T8 Dimming (specify type) SSOL - T8 Low Watt SSOR - T8 Rapid Start SSO10 - T8 <10% THD SSB - Biax Instant Start SSBR - Biax Rapid Start  (For dual ballasts add "2"Example: SS02)	F - Fusing EM - Emergency Pack EMDL - Emergency Pack damp location FC1 - 6' 3/8" flex, 3 #18 leads (other types available) MA/AUX - Master / Auxiliary MWA - Aluminum interior reflector MWS - Silver interior reflector JP - Job Packed NYC - 20 GA. Housing RL - Ribbed Louver CPL - CCEA Chicago plenum LM - Lamps installed (specify type) <sup>2</sup>	120 - 120V 277 - 277V 347 - 347V UE - Universal Electronic (120-277V)

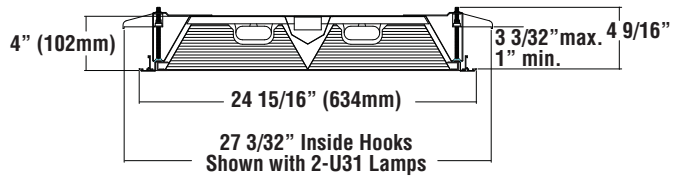
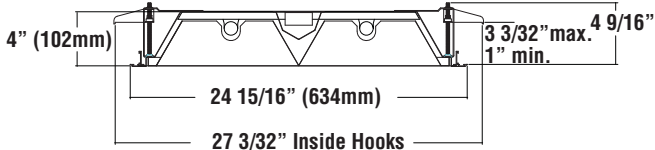
1- Not available in dimming ballast  
2- Available on straight lamps only

\*Some options may affect the overall efficiency performance +/-

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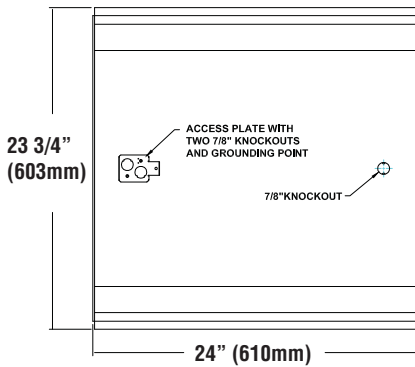
# SPECIFICATION GRADE ENERGY EFFICIENT LOUVERED TROFFER (2X2)

## DIMENSIONS

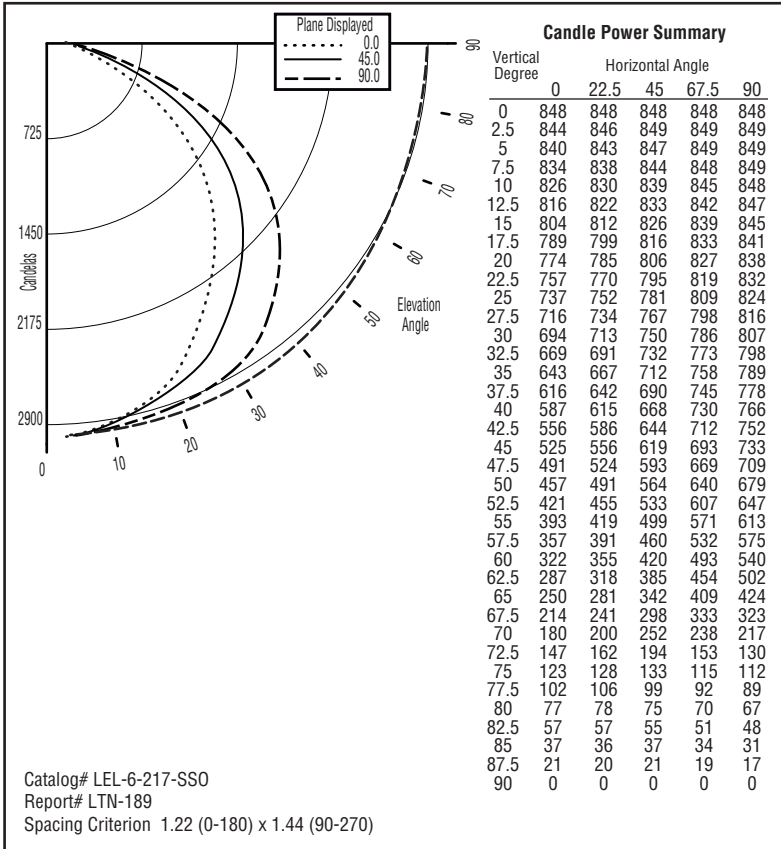


**TYPICAL FLANGED TROFFER**  
**49-1/2" O.A.L. REFERENCE**  
**24" x 48-1/2" OPENING REQUIRED**  
**2' x 4'**

## MOUNTING



## PHOTOMETRICS



Zone	Lumens	%Lamp	%Fixt
0-3	0673.75	24.5	26.4
0-40	1120.43	40.7	43.8
0-60	2045.8	74.4	80
0-90	2556.36	93	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	2556.36	93	100

**Total Luminaire Efficiency = 93%**

RC	80				70				50				30				10				0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	111	111	111	111	108	108	108	108	103	103	103	99	99	99	95	95	95	93			
1	101	97	93	89	99	95	91	88	91	88	85	87	85	83	84	82	80	78			
2	92	84	78	73	90	83	77	72	79	75	70	76	72	69	74	70	67	65			
3	84	74	66	60	82	73	66	60	70	64	59	67	62	58	65	61	57	55			
4	77	65	57	51	75	64	57	51	62	55	50	60	54	49	58	53	49	47			
5	70	58	50	44	68	57	49	43	55	48	43	53	47	42	52	46	42	40			
6	65	52	44	38	63	51	44	38	50	43	37	48	42	37	47	41	37	35			
7	60	47	39	33	58	47	39	33	45	38	33	44	37	33	43	37	33	31			
8	56	43	35	30	54	42	35	30	41	34	29	40	34	29	39	33	29	27			
9	52	40	32	27	51	39	32	27	38	31	26	37	31	26	36	30	26	24			
10	49	36	29	24	48	36	29	24	35	28	24	34	28	24	33	28	24	22			