

# LED TROFFER

**LT**  
**LED**

CATALOG #:

TYPE:

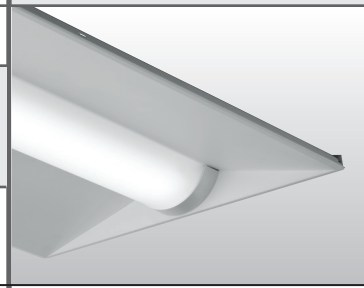
PROJECT:

NOTES:

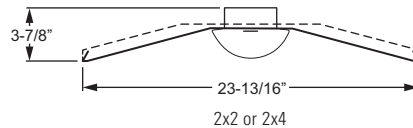
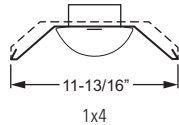
EXAMPLE

**LT - 2 4 - L43/830 - AF - OPTIONS - DIM - UNV**

SERIES    NOM. NOM.    LUMEN    CRI &    SHIELDING    OPTIONS    DRIVER    VOLTAGE  
W.    L.    PACKAGE    CCT



## CROSS SECTIONS



## ORDERING INFORMATION

### SERIES

**LT** LED Troffer

### NOMINAL WIDTH

**1** 1' (4' length only)  
**2** 2'

### NOMINAL LENGTH

**2** 2' (2' width only)  
**4** 4'

### LED PACKAGE

EXAMPLE: L43/830			AVERAGE SYSTEM WATTAGE	
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT		
<b>1x4</b>				
<b>L30</b>	3,000	<b>830</b> = 82 CRI, 3000K <b>835</b> = 82 CRI, 3500K <b>840</b> = 82 CRI, 4000K	29	
<b>L47</b>	4,700		49	
<b>2x2</b>				
<b>L22</b>	2,200		21	
<b>L34</b>	3,400		36	
<b>2x4</b>				
<b>L30</b>	3,000		29	
<b>L43</b>	4,300		40	
<b>L73</b>	7,300		71	

Additional LED lumen packages available, see options.

### SHIELDING

**AF** Frosted acrylic

### OPTIONS

**EM/10W** 10-watt emergency driver (120-277V only)  
**EQCLIPS** Earthquake clips (4 per fixture)  
**OCC** Integral occupancy and daylight sensor: OCCPH LRI1655 120/277  
**(L\_)** Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next *higher* lumen package.  
**Example:** 5,000 nominal lumens = LT-24-L73/840-(**L50**).

### ACCESSORIES

**SMK-W** Surface mount kit, white  
**DFK1248W** Drywall kit, 12" x 48", white  
**DFK2424W** Drywall kit, 24" x 24", white  
**DFK2448W** Drywall kit, 24" x 48", white

### DRIVER

Additional dimming drivers available, [see Information Section](#).  
**DRV** Driver prewired for non-dimming applications  
**DIM** Driver prewired for 0-10V low voltage dimming applications

### VOLTAGE

**120** 120V  
**277** 277V  
**UNV** 120-277V

## FEATURES

- ▶ Average efficacy of 100+ lm/W
- ▶ Matte white paint and frosted lens provide pleasing architectural aesthetics with non-glare reflective surfaces
- ▶ Shallow housing depth
- ▶ Integral occupancy and daylight sensor available
- ▶ Rated for 50,000 hours at 85% lumen maintenance (L85)
- ▶ Minimum 82 CRI; 3000K, 3500K, or 4000K CCT
- ▶ This fixture is proudly made in the USA

**SPECIFICATIONS**

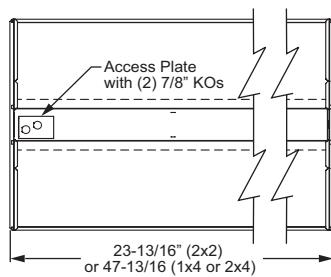
**Housing/Reflector** – Precision die-formed 22-gauge C.R.S.  
**Shielding** – Frosted acrylic.  
**Finish** – Highly reflective non-glare matte white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.  
**Electrical** – High quality mid-power LED boards. L85 at 50,000 hours.  
**Mounting** – NEMA Type “G”. Surface mount and drywall kit accessories available, ordered separately.  
**Labels** – cCSAus certified as luminaire suitable for dry or damp locations. DLC qualified products listed at [www.designlights.org](http://www.designlights.org).  
**Warranty** – 5-year limited warranty, see [hewilliams.com/warranty](http://hewilliams.com/warranty).

**IMPORTANT:**

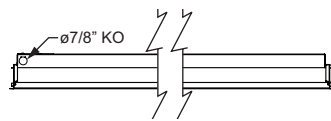
Electrostatic sensitive unit. Observe precautions when handling.

**FIXTURE DETAILS**

**BACK VIEW**



**SIDE VIEW**

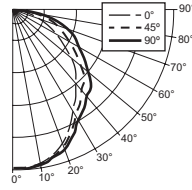


DLC qualified products listed at [www.designlights.org](http://www.designlights.org).  
 The U.S. Department of Energy's Lighting Facts® Program has verified product performance based on industry-standardized testing. For details, see H.E. Williams LT series at [www.lightingfacts.com](http://www.lightingfacts.com).

**PHOTOMETRY**

**TEST REPORT INFORMATION**

- ▶ Test Report #: 18667.0
- ▶ Date: 02/04/15
- ▶ Lamp Type: LED
- ▶ **Rated Lumens: 4205**
- ▶ **Watts: 40**
- ▶ **Lumens Per Watt: 106**
- ▶ **CRI: 82**
- ▶ **CCT: 3043K**



**CANDLEPOWER DISTRIBUTION**

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1510.	1510.	1510.	
5°	1514.	1514.	1516.	144.5
15°	1428.	1443.	1457.	409.1
25°	1258.	1301.	1336.	601.2
35°	1029.	1102.	1162.	690.5
45°	838.	954.	1044.	733.6
55°	589.	723.	827.	642.7
65°	377.	535.	644.	519.1
75°	191.	347.	425.	347.0
85°	54.	128.	113.	117.0
90°	0.	0.	0.	

**LUMEN SUMMARY**

Zone	Lumens	% Fixture
0° - 30°	1155.	27.5
0° - 40°	1845.	43.9
0° - 60°	3222.	76.6
0° - 90°	4205.	100.0
<b>Total Luminaire:</b>		
0° - 180°	4205.	100.0

IES Spacing Criteria: End = 1.1  
 Across = 1.2  
 Diagonal = 1.2

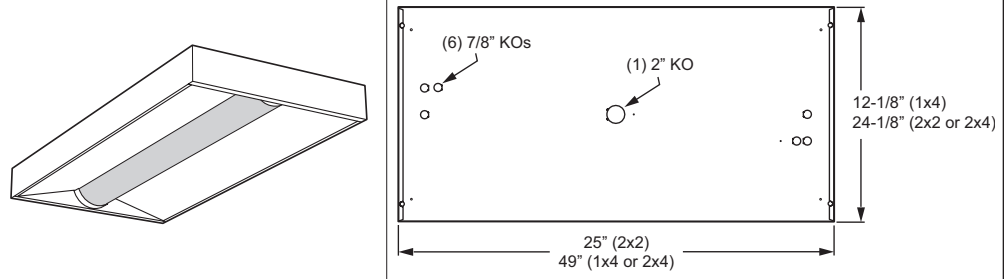
**FIXTURE PERFORMANCE DATA**

Catalog Number	Nominal Lumen Output <sup>1</sup>	Total Power (W) <sup>2</sup>	Luminaire Efficacy (lm/W)	CCT (K)	MINIMUM CRI
<b>1'x 4' UNIT</b>					
LT-14-L30/830	2798	29	96.5	3000	82
LT-14-L30/835	2910 <sup>3</sup>	29	100.3	3500	82
LT-14-L30/840	3026 <sup>3</sup>	29	104.3	4000	82
LT-14-L47/830	4851	49	99.0	3000	82
LT-14-L47/835	4745	49	96.8	3500	82
LT-14-L47/840	5136	49	104.8	4000	82
<b>2'x 2' UNIT</b>					
LT-22-L22/830	1955	21	93.1	3000	82
LT-22-L22/835	2033 <sup>3</sup>	21	96.8	3500	82
LT-22-L22/840	2115 <sup>3</sup>	21	100.7	4000	82
LT-22-L34/830	3252	36	90.3	3000	82
LT-22-L34/835	3424	36	95.1	3500	82
LT-22-L34/840	3559	36	98.9	4000	82
<b>2'x 4' UNIT</b>					
LT-24-L30/830	2835	29	97.8	3000	82
LT-24-L30/835	2948 <sup>3</sup>	29	101.7	3500	82
LT-24-L30/840	3066 <sup>3</sup>	29	105.7	4000	82
LT-24-L43/830	4205	40	106.0	3000	82
LT-24-L43/835	4378 <sup>3</sup>	40	109.5	3500	82
LT-24-L43/840	4548 <sup>3</sup>	40	114.0	4000	82
LT-24-L73/830	6929	71	97.6	3000	82
LT-24-L73/835	7258	71	102.2	3500	82
LT-24-L73/840	7462	71	105.1	4000	82

Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.  
<sup>1</sup> Nominal lumen output based on 3500 CCT. Actual lumens may vary +/- 4% according to color temperature. See specific photometric test(s).  
<sup>2</sup> Wattage shown is average for 120V through 277V input.  
<sup>3</sup> Results scaled based on relative CCT output.

**SURFACE MOUNT KIT (Shipped Separately)**

**BACK VIEW**



**SIDE VIEW**

