

# LED TROFFER

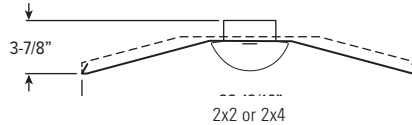
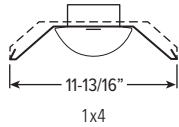


fieldseleCCT®



CATALOG #:		TYPE:
PROJECT:		NOTES:
<b>EXAMPLE</b> → <b>LT - 24 - L65/8FS - AF - OPTIONS - DIM - UNV</b>		
SERIES	NOM. NOM. W. L.	LUMEN PACKAGE
CRI & CCT	SHIELDING	OPTIONS
DRIVER	VOLTAGE	

## CROSS SECTIONS



## FEATURES

- ▶ Easily change the color temperature on-site with fieldseleCCT® technology.
- ▶ Three switchable CCT settings provide ultimate flexibility – 3000K, 3500K and 4000K
- ▶ Efficacies up to 127 lm/W
- ▶ Shallow housing depth
- ▶ Diffuse lens provides smooth illumination
- ▶ Proudly made in the USA

## ORDERING INFORMATION

### SERIES

**LT** LED Troffer – fieldseleCCT®

### NOMINAL WIDTH

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

### NOMINAL LENGTH

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

### LED PACKAGE

EXAMPLE: L65/8FS		WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS	
<b>1x4</b>		
<b>L26</b>	2,600	20
<b>L38</b>	3,800	31
<b>L51</b>	5,100	43
<b>2x2</b>		
<b>L24</b>	2,400	21
<b>L37</b>	3,700	31
<b>L50</b>	5,000	43
<b>2x4</b>		
<b>L39</b>	3,900	31
<b>L57</b>	5,700	47
<b>L65</b>	6,500	55

Nominal lumen output based on 3500 CCT. Actual lumens may vary +/-5%. See fixture performance data

### CRI

**8** 80 CRI

### CCT

**FS** fieldseleCCT 3000K, 3500K, 4000K

### SHIELDING

**AF** Frosted acrylic

### OPTIONS

**EM/10W** 10-watt emergency battery (120-277V only)  
**EQCLIPS** Earthquake clips (4 per fixture; LT is compatible with Williams earthquake clips only)  
**CP** Chicago Plenum (CCEA)

### ACCESSORIES

See Technical Info for [Drywall Kit](#) and [Cord Location](#) details.  
**DFK-1248W** Drywall kit, 12" x 48", white  
**DFK-2424W** Drywall kit, 24" x 24", white  
**DFK-2448W** Drywall kit, 24" x 48", white

### DRIVER

Additional dimming drivers available, see [Technical Info](#).  
**DRV** Driver prewired for non-dimming applications  
**DIM** 5% dimming driver prewired for 0-10V low voltage applications

### VOLTAGE

**120** 120V  
**277** 277V  
**UNV** 120-277V  
**347** 347V (not available with EM drivers)



**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 with switchable CCT – 3000K, 3500K and 4000K. L70 >50,000 hours. fieldseleCCT® products use LEDs of multiple CCTs and may produce a perceptibly different shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.

**Mounting** – NEMA Type “G”. Surface mount and drywall kit accessories available, ordered separately.

**Labels** –

- cCSAus certified as luminaire suitable for dry or damp locations.
- City of Chicago Environmental Air approved when specified with CP option.

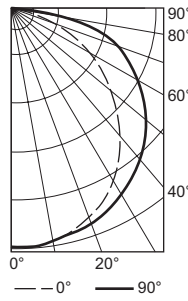
**Warranty** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

**IMPORTANT:**

Electrostatic sensitive unit. Observe precautions when handling.

**PHOTOMETRY**

**LT-24-L65/8FS-AF-DIM-UNV\_3500K** Total Luminaire Output: 6551 lumens; 55 Watts  
Efficacy: 119 lm/W | 86.5 CRI; 3471K CCT | IES Spacing Criteria: End: 1.3, Across: 1.3, Diagonal: 1.4



Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	2046	2046	2046	
5	2068	2031	2031	194
15	1993	1969	1986	558
25	1830	1845	1891	855
35	1604	1670	1751	1047
45	1307	1446	1572	1112
55	994	1197	1355	1057
65	662	932	1127	894
75	296	646	839	629
85	44	216	176	205
90	0	0	0	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	1607	25
	0 - 40	2654	41
	0 - 60	4823	74
	0 - 90	6551	100
	0 - 180	6551	100

**FIXTURE PERFORMANCE DATA**

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
<b>1x4</b>			
L26	2566	19.8	127.4
L38	3797	30.8	123.3
L51	5134	42.6	120.6
<b>2x2</b>			
L24	2430	20.8	118.2
L37	3718	30.9	120.4
L50	4987	42.6	117.1
<b>2x4</b>			
L39	3878	30.8	125.9
L57	5763	47.3	121.9
L65	6551	54.8	119.5

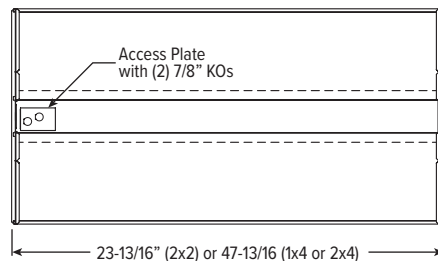
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results scaled based on relative CCT output, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

**MULTIPLIER TABLE**

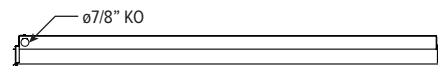
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K/80CRI	0.94
3500K/80CRI	1.00
4000K/80CRI	0.95

**FIXTURE DETAILS**

**BACK VIEW**



**SIDE VIEW**



**fieldseleCCT SWITCH DETAIL**

