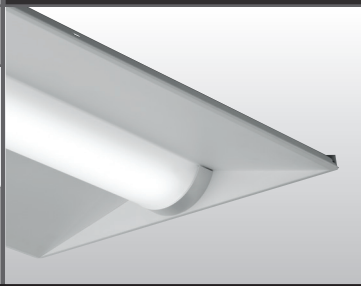


LED TROFFER

LT

tunable **WHITE**



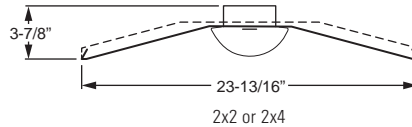
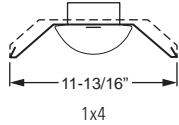
CATALOG #: _____ TYPE: _____

PROJECT: _____ NOTES: _____

EXAMPLE → **LT - 2 4 - L80/8TW - AF - OPTIONS - DALI - UNV**

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

CROSS SECTIONS



FEATURES

- ▶ Tunable white from 3000K to 5000K CCT, minimum 80 CRI.
- ▶ Efficacies up to 140 lm/W
- ▶ Shallow housing depth
- ▶ Diffuse lens provides smooth illumination
- ▶ Proudly made in the USA

ORDERING INFORMATION

SERIES

LT LED Troffer – Tunable White

NOMINAL WIDTH

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

NOMINAL LENGTH

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

LED PACKAGE

Example: L80/8TW		WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS	
1x4		
L28	2800	23
L47	4700	40
L63	6300	55
2x2		
L27	2700	25
L39	3900	32
L49	4900	43
2x4		
L50	5000	42
L64	6400	55
L80	8000	64

Nominal lumen output based on 4000 CCT. Actual lumens may vary +/-5%, see fixture performance data. Additional LED lumen packages available, see options.

COLOR

8TW Tunable white (80 CRI, 3000K–5000K)

SHIELDING

AF Frosted acrylic

OPTIONS

See page 3 for fixture details.

EM/10W 10-watt emergency battery (120-277V only)

EQCLIPS Earthquake clips (4 per fixture; LT is compatible with Williams earthquake clips only)

(L _) Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
Example: 5,800 nominal lumens = LT-24-L64/8TW-(L58)

CP Chicago Plenum (CCEA)

ACCESSORIES

See Technical Info for [Drywall Kit](#) and [Cord Location](#) details. See page 3 for Surface Mount details.

LT-14-SMK-W Surface mount kit for LT, 1'x4', white

LT-22-SMK-W Surface mount kit for LT, 2'x2', white

LT-24-SMK-W Surface mount kit for LT, 2'x4', white

DFK-1248W Drywall kit, 12" x 48", white

DFK-2424W Drywall kit, 24" x 24", white

DFK-2448W Drywall kit, 24" x 48", white

CONTROL

DALI Driver prewired for DALI applications

DIM (1) 0-10V signal to control dimming

(1) 0-10V signal to control CCT

DMX Driver prewired for DMX applications

VOLTAGE

120 120V

277 277V

UNV 120-277V



tunable **WHITE**

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. L70 >50,000 hours per IES TM-21. Tunable White 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.

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

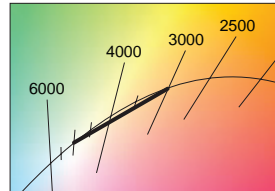
FIXTURE PERFORMANCE DATA

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (LM/W)
1x4			
L28	2855	22.6	126.3
L47	4721	39.6	119.3
L63	6308	54.8	115.3
2x2			
L27	2797	24.6	113.7
L39	3901	32.5	120.1
L49	4969	42.7	116.5
2x4			
L50	5082	42.0	120.9
L64	6443	54.7	117.7
L80	8003	63.7	125.6

- 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 based on 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

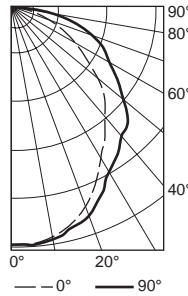
MULTIPLIER TABLE

CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04



PHOTOMETRY

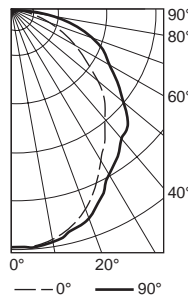
LT-14-L63/8TW-AF-DALI Total Luminaire Output: 6308 lumens; 55 Watts
Efficacy: 115 lm/W | 82.7 CRI; 3494K CCT | IES Spacing Crit.: End: 1.1, Across: 1.2, Diag.: 1.2



Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	2397	2397	2397	
5	2408	2404	2404	228
15	2266	2284	2305	645
25	2012	2064	2114	943
35	1658	1754	1850	1088
45	1318	1472	1606	1121
55	939	1110	1259	989
65	610	793	882	755
75	316	433	401	425
85	84	98	74	114
90	0	0	0	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	1815	29
	0 - 40	2903	46
	0 - 60	5013	80
	0 - 90	6308	100
	0 - 180	6308	100

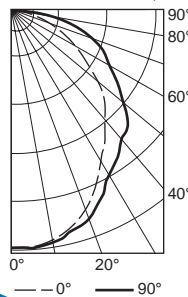
LT-22-L49/8TW-AF-DALI Total Luminaire Output: 4969 lumens; 43 Watts
Efficacy: 116 lm/W | 84.9 CRI; 3544K CCT | IES Spacing Crit.: End: 1.2, Across: 1.2, Diag.: 1.3



Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	1716	1716	1716	
5	1716	1704	1705	162
15	1637	1641	1656	464
25	1494	1517	1552	701
35	1268	1337	1407	836
45	991	1119	1222	859
55	710	872	1005	779
65	459	638	791	626
75	234	413	546	417
85	53	116	113	125
90	0	0	0	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	1328	27
	0 - 40	2163	44
	0 - 60	3802	77
	0 - 90	4969	100
	0 - 180	4969	100

LT-24-L80/8TW-AF-DALI Total Luminaire Output: 8003 lumens; 64 Watts
Efficacy: 126 lm/W | 84.9 CRI; 3544K CCT | IES Spacing Crit.: End: 1.2, Across: 1.2, Diag.: 1.3

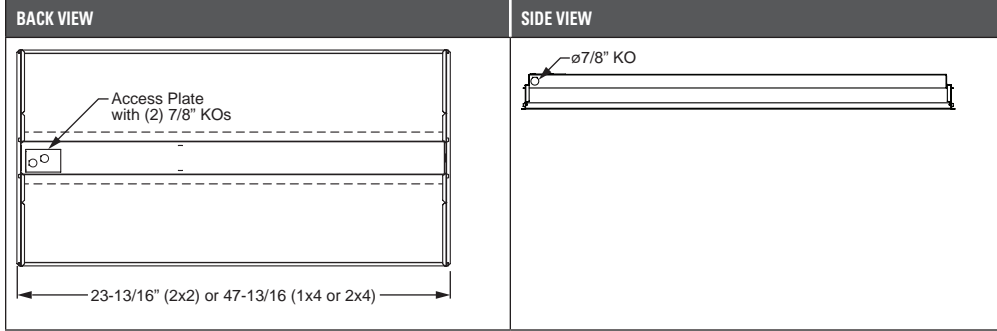


Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	2840	2840	2840	
5	2821	2823	2824	268
15	2661	2686	2712	763
25	2357	2430	2499	1125
35	1991	2121	2245	1326
45	1625	1834	2022	1390
55	1140	1386	1602	1230
65	735	1019	1251	990
75	367	652	826	668
85	107	260	249	244
90	0	0	0	

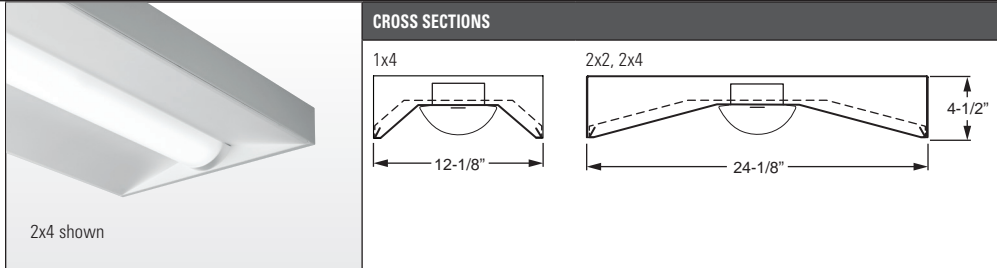
LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	2156	27
	0 - 40	3482	44
	0 - 60	6102	76
	0 - 90	8003	100
	0 - 180	8003	100



FIXTURE DETAILS



SURFACE MOUNT KIT (Shipped Separately)



BACKVIEWS

