

SHALLOW PLENUM TROFFER

PT

fieldseleCCT®

CATALOG #:	TYPE:
PROJECT:	NOTES:

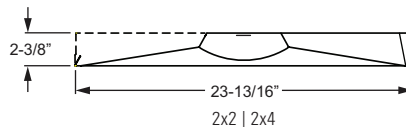
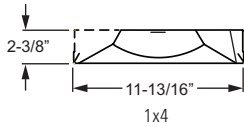
EXAMPLE

PT - 24 - L62/8FS - RA - OPTIONS - DIM - UNV

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



Cross Sections



ORDERING INFORMATION

SERIES
PT Shallow Plenum LED Troffer – fieldseleCCT®

NOMINAL WIDTH

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

NOMINAL LENGTH

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

LED PACKAGE

EXAMPLE: L62/8FS		WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS	
1x4		
L25	2,500	20
L37	3,700	31
L50	5,000	43
2x2		
L24	2,400	21
L36	3,600	31
L48	4,800	43
2x4		
L37	3,700	31
L55	5,500	47
L62	6,200	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
RA Diffuse ribbed acrylic

OPTIONS
For flexible whip options, see [Technical Info](#).
EM/10W 10-watt emergency battery (120-277V only; 2x2 & 2x4 only)
EM/10WLP Low-profile 10-watt emergency battery (120-277V only; 1x4 only)
EQCLIPS Earthquake clips (4 per fixture)
AMW Anti-microbial white finish
CP Chicago Plenum (CCEA)

ACCESSORIES (Shipped Separately)
See Technical Info for [Drywall Kit](#) 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 10% dimming driver prewired for 0-10V low voltage applications

VOLTAGE

120	120V
277	277V
UNV	120-277V
347	347V

FEATURES

- ▶ Easily change the color temperature on-site with fieldseleCCT® technology.
- ▶ Three switchable CCT settings provide ultimate flexibility – 3000K, 3500K and 4000K
- ▶ Shallow housing depth for limited plenum applications.
- ▶ Access to the electrical from room-side of fixture.
- ▶ Diffuse ribbed acrylic combined with highly-reflective matte white paint produce high optical efficiencies while providing visual comfort.
- ▶ Companion surface also available, see [hew.com](#).
- ▶ Efficacies up to 123 lm/W
- ▶ Rated for direct contact with insulation.
- ▶ Heavy duty C.R.S. construction.
- ▶ This fixture is proudly made in the USA



SPECIFICATIONS

Housing/Reflector – Precision die-formed 22-gauge C.R.S.

Shielding – Diffuse ribbed 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” (1” nominal width grid system only). Drywall kit accessories available, ordered separately.

Labels –

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

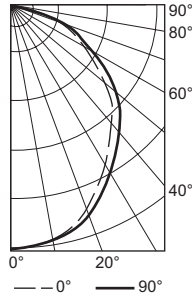
Warranty – 5-year limited warranty, see hew.com/warranty.

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

PHOTOMETRY

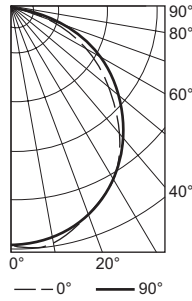
PT-24-L62/8FS-RA-DIM-UNV_3500K Total Luminaire Output: 6208 lumens | 55 Watts | Efficacy: 113 lm/W



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
0	0	2375	2375	2375	
5	5	2339	2336	2323	223
15	15	2270	2278	2287	638
25	25	2000	2027	2052	923
35	35	1617	1668	1711	1041
45	45	1314	1387	1458	1062
55	55	956	1046	1130	938
65	65	619	733	833	724
75	75	293	451	558	474
85	85	60	199	228	186
90	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1784	29
	0 - 40	2825	46
	0 - 60	4825	78
	0 - 90	6208	100
	0 - 180	6208	100

PT-14-L50/8FS-RA-DIM-UNV_3500K Total Luminaire Output: 4969 lumens | 43 Watts | Efficacy: 116 lm/W



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
0	0	1811	1811	1811	
5	5	1852	1831	1804	173
15	15	1770	1765	1744	495
25	25	1619	1627	1607	744
35	35	1409	1427	1428	885
45	45	1124	1173	1191	895
55	55	804	884	921	785
65	65	516	611	627	585
75	75	229	321	335	326
85	85	35	58	68	80
90	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1413	28
	0 - 40	2298	46
	0 - 60	3978	80
	0 - 90	4969	100
	0 - 180	4969	100

FIXTURE PERFORMANCE DATA

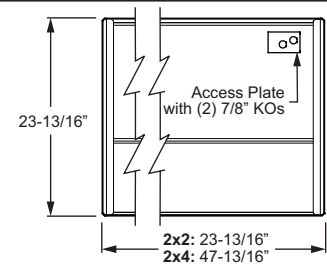
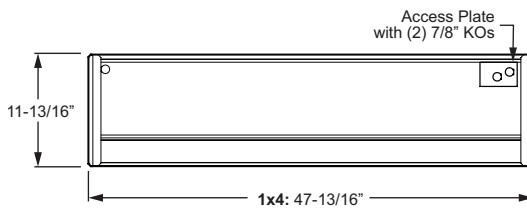
LED PACKAGE	WATTAGE	DELIVERED LUMENS	EFFICACY (lm/W)
1x4			
L25	19.8	2441	123.2
L37	30.8	3674	119.3
L50	42.6	4968	116.7
2x2			
L24	20.8	2378	114.3
L36	30.9	3595	116.5
L48	42.6	4823	113.3
2x4			
L37	30.8	3674	119.3
L55	47.3	5460	115.5
L62	54.8	6208	113.3

MULTIPLIER TABLE

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

- 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 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

FIXTURE DETAILS



fieldseleCCT SWITCH DETAIL

