

SHALLOW SURFACE MOUNT

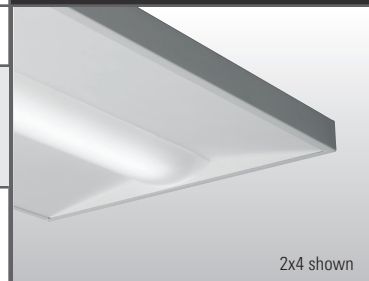
PTS

tunable **WHITE**

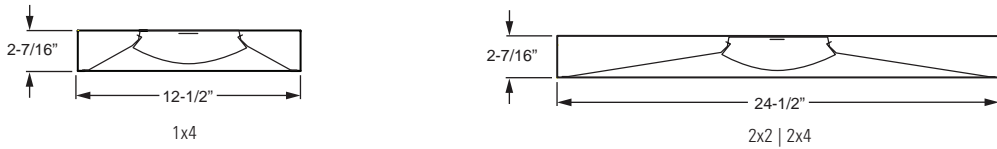
CATALOG #:	TYPE:
PROJECT:	NOTES:

EXAMPLE → **PTS - 2 4 - L77/8TW - RA - OPTIONS - DALI - UNV**

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



CROSS SECTIONS



ORDERING INFORMATION

SERIES
PTS Shallow Surface Mount – Tunable White

NOMINAL WIDTH

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

NOMINAL LENGTH

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

LED PACKAGE

EXAMPLE: L77/8TW		WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS	
1x4		
L32	3,200	27
L43	4,300	37
2x2		
L29	2,900	27
L43	4,300	39
2x4		
L33	3,300	29
L58	5,800	53
L77	7,700	65

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

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

SHIELDING
RA Diffuse ribbed acrylic

OPTIONS

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)

(L__) Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
Example: 7,000 nominal lumens = PTS-24-L77/8TW-(L70).

AMW Anti-microbial white finish

CONTROL

See page 2 for details.

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

FEATURES

- ▶ Tunable white from 3000K to 5000K CCT, minimum 80 CRI.
- ▶ Shallow fixture depth for low ceiling applications.
- ▶ Efficacies up to 120 lm/W.
- ▶ Diffuse ribbed acrylic combined with highly-reflective matte white paint produce high optical efficiencies while providing visual comfort.
- ▶ Heavy duty C.R.S. construction.
- ▶ Paint-after-fabrication provides easy-to-handle finished edges that resist corrosion and improve appearance.
- ▶ This fixture is proudly made in the USA



SPECIFICATIONS

Housing – Precision die-formed 20-gauge C.R.S.
Reflector – Precision die-formed 22-gauge C.R.S. Highly reflective non-glare matte white polyester powder coat.
Shielding – Diffuse ribbed acrylic.
Finish – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.

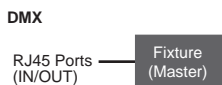
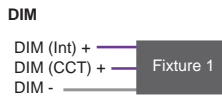
Electrical – High quality mid-power LED board. L70 > 50,000 hours per IES TM-21. Tunable White products use LEDs of multiple CCTs and may produce a perceptibly different shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.

Mounting – Surface mount
Labels – cCSAs certified as luminaire suitable for dry or damp locations.
Warranty – 5-year limited warranty, see hew.com/warranty.

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

CONTROL DETAILS



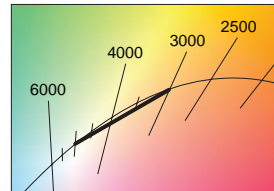
FIXTURE PERFORMANCE DATA

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1x4			
L32	3292	27.4	120.3
L43	4319	37.1	116.4
2x2			
L29	2929	26.8	109.1
L43	4422	38.8	113.9
2x4			
L33	3423	28.6	119.9
L58	5878	52.6	111.8
L77	7716	65.0	118.8

- 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.

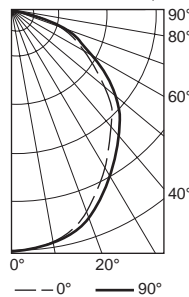
MULTIPLIER TABLE

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

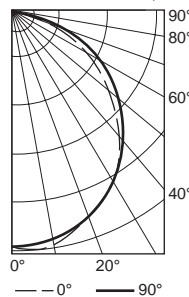
PTS-24-L77/8TW-RA-DALI Total Luminaire Output: 7716 lumens; 65 Watts
 Efficacy: 119 lm/W | 82.7 CRI; 3494K CCT | IES Spacing Crit.: End: 1.1, Across: 1.2, Diag.: 1.2



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
0	0	2952	2952	2952	
5	5	2907	2903	2888	277
15	15	2822	2831	2843	793
25	25	2486	2519	2550	1148
35	35	2009	2073	2127	1294
45	45	1634	1724	1812	1320
55	55	1188	1300	1404	1166
65	65	769	912	1036	900
75	75	365	560	693	589
85	85	74	247	283	231
90	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
0 - 30		2218	29
0 - 40		3511	46
0 - 60		5997	78
0 - 90		7716	100
0 - 180		7716	100

PTS-14-L43/8TW-RA-DALI Total Luminaire Output: 4319 lumens; 37 Watts
 Efficacy: 116 lm/W | 84.9 CRI; 3544K CCT | IES Spacing Crit.: End: 1.2, Across: 1.23, Diag.: 1.3



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
0	0	1574	1574	1574	
5	5	1610	1592	1568	151
15	15	1538	1534	1516	431
25	25	1407	1414	1397	647
35	35	1224	1240	1241	769
45	45	977	1020	1035	778
55	55	699	768	801	683
65	65	448	531	545	508
75	75	199	279	291	284
85	85	31	50	59	70
90	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
0 - 30		1228	28
0 - 40		1997	46
0 - 60		3457	80
0 - 90		4319	100
0 - 180		4319	100

FIXTURE DETAILS

