

SHALLOW SURFACE MOUNT

PTS

LED

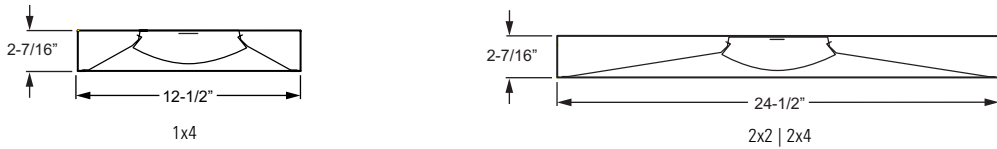
CATALOG #:	TYPE:
PROJECT:	NOTES:



EXAMPLE **PTS - 2 4 - L84/835 - RA - OPTIONS - DIM - UNV**

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

CROSS SECTIONS



ORDERING INFORMATION

SERIES
PTS Shallow Surface Mount

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

NOMINAL LENGTH
2 2' (2' width only)
4 4'

LED PACKAGE

EXAMPLE: L84/835			WATTAGE	
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT		
1x4				
L27	2700	827 = 82 CRI, 2700K 830 = 82 CRI, 3000K 835 = 82 CRI, 3500K 840 = 82 CRI, 4000K 850 = 82 CRI, 5000K	21	
L45	4500		34	
2x2				
L26	2600		21	
L38	3800		33	
L47	4700		38	
2x4				
L38	3800		31	
L49	4900		37	
L61	6100		49	
L84	8400	68		

Nominal lumen output based on 3500 CCT. Actual lumens may vary +/-5%. See specific fixture performance data. Additional LED lumen packages available, see options.

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: 8,000 nominal lumens = PTS-24-L90/835-(L80).
AMW Anti-microbial white finish

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

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

FEATURES

- ▶ Shallow fixture depth for low ceiling applications.
- ▶ Diffuse ribbed acrylic combined with highly-reflective matte white paint produce high optical efficiencies while providing visual comfort.
- ▶ Efficacies up to 140 lm/W
- ▶ 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



LED

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 boards. L70 >50,000 hours.
Mounting – Surface mount
Labels – cCSAus 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.

FIXTURE PERFORMANCE DATA

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (LM/W)
1x4			
L27	2723	21.4	127.4
L45	4526	33.7	134.3
2x2			
L26	2633	21.3	123.6
L38	3804	32.6	116.7
L47	4708	38.1	123.4
2x4			
L38	3763	31.4	119.7
L49	4928	37.2	132.6
L61	6059	48.5	124.9
L84	8470	68.1	124.3

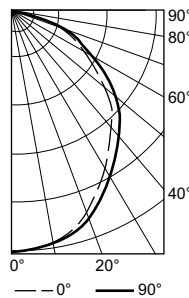
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

MULTIPLIER TABLE

COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
2700K/80CRI	0.97
3000K/80CRI	0.99
3500K/80CRI	1.00
4000K/80CRI	1.03
5000K/80CRI	1.06

PHOTOMETRY

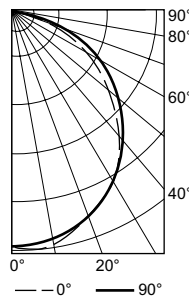
PTS-24-L84/835-RA-DIM-UNV Total Luminaire Output: 8470 lumens; 68.1 Watts | Efficacy: 124 lm/W | 82.7 CRI; 3494K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	3198	3198	3198	
5	3182	3182	3184	302
15	2975	2988	3006	852
25	2632	2677	2715	1243
35	2213	2296	2373	1436
45	1800	1943	2057	1477
55	1267	1432	1571	1279
65	822	1015	1170	990
75	381	606	768	640
85	76	272	319	251
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2398	28
	0 - 40	3834	45
	0 - 60	6590	78
	0 - 90	8470	100
	0 - 180	8470	100

PTS-14-L45/835-RA-DIM-UNV Total Luminaire Output: 4526 lumens; 33.7 Watts | Efficacy: 134 lm/W | 84.9 CRI; 3544K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1649	1649	1649	
5	1687	1668	1643	158
15	1612	1608	1588	451
25	1475	1482	1464	678
35	1283	1300	1301	806
45	1023	1069	1084	815
55	733	805	839	715
65	470	557	571	532
75	209	293	305	297
85	32	53	62	73
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1287	28
	0 - 40	2093	46
	0 - 60	3623	80
	0 - 90	4526	100
	0 - 180	4526	100

FIXTURE DETAILS

