

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Create scalable, highly functioning smart buildings with Platformatics Power over Ethernet controls
- Tunable white from 3000K to 5000K CCT, minimum 80 CRI
- 3-7/16" deep housing installs easily within limited plenum space
- Gasketed door frame features offset mitered corners to eliminate light leaks
- Cam latches close securely and allow hassle-free maintenance
- Reversible door hinges and latches allow access on either side
- Deep reinforcement ribs provide added strength
- Integral T-bar clips quickly secure fixture to structure
- Maximize energy savings with efficacies as high as 136 lm/W
- Made Right Here® in the USA

ORDERING EXAMPLE: LPT - 2 4 - P70/835 - S AF12095 - OPTIONS - POE PR

ORDERING INFO

SERIES	WIDTH	LENGTH	LUMENS ^[1]	CRI	CCT	DOOR FRAME
LPT	2 2'	2 2' ^[2]	2x2	8 80	27 2700K	S White flat steel
		4 4'	P31 3,100lm	9 90 ^[3]	30 3000K	
			2x4		35 3500K	
			P70 7,000lm		40 4000K	
					50 5000K	
					TW Tunable white (80 CRI, 3000K–5000K)	

SPECIFICATIONS

- HOUSING – 22-gauge die-formed C.R.S.
- DOOR FRAME – 22-gauge C.R.S., offset mitered corners, cam latches, and T-style hinges.
- SHIELDING – Frosted acrylic, pattern #12, .095" thick.
- FINISH – 92% minimum average reflective 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 board. L70 > 50,000 hours per IES TM-21. Low-voltage DC fixture, to be fed by Class 2 power supply. 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 – Designed for NEMA Type "G" 1" grid ceiling standard. For NEMA Type "NFG" and "SG" 9/16" grid installations, specify EQCLIPS option. For flange installations use the Drywall Kit (DFK), ordered separately, see [Technical Info](#).
- LISTINGS –
 - cCSAus certified as luminaire suitable for dry or damp locations.
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

SHIELDING	OPTIONS	CONTROL ^[4]
AF12095 Frosted acrylic, pattern #12, .095" thick	EQCLIPS Earthquake clips ^[7]	POE PR Power over Ethernet, Platformatics-ready
A12125 Clear acrylic, pattern #12, .125" thick ^[5]		
AF12125 Frosted acrylic, pattern #12, .125" thick		
A19156 Clear acrylic, pattern #19, .156" thick ^[6]		
AF19156 Frosted acrylic, pattern #19, .156" thick		

SYSTEM REQUIREMENTS

- PoE-ready luminaires are connected to building power systems through network integration and require other components for complete PoE lighting system
- For additional PoE info, see hew.com/poe
- Consult factory for design support

NOTES

- ¹ Lumen output based on 3500K for single CCT and 4000K for TW. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- ² 2' width only.
- ³ Extended lead times may apply. Consult factory for availability. Not available with Tunable White.
- ⁴ See page 2 for NODE CONNECTION DETAILS. For additional PoE info, see hew.com/poe.
- ⁵ LED pixelation will be visible.
- ⁶ LED pixelation will be visible.
- ⁷ 4 per fixture. Optional for 1" grid installations. Required for 9/16" grid mounting.



FIXTURE PERFORMANCE DATA

STANDARD

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2x2	P31	3122	25.3	123.5
2x4	P70	7012	51.7	135.8

TUNABLE WHITE

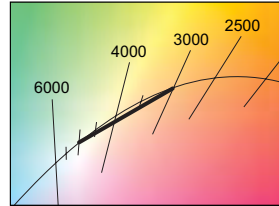
	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2x2	P31	3116	25.6	122.0
2x4	P70	7041	52.3	134.5

MULTIPLIER TABLES

COLOR TEMPERATURE			
	CCT	LUMENS	
		STANDARD	TUNABLE WHITE
80 CRI	2700K	0.97	-
	3000K	0.99	0.95
	3500K	1.00	0.98
	4000K	1.03	1.00
	5000K	1.06	0.96

90 CRI	2700K	0.80	-
	3000K	0.82	-
	3500K	0.83	-
	4000K	0.86	-
	5000K	0.89	-

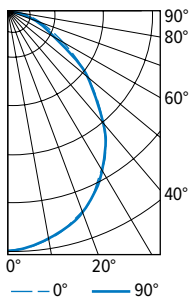
LENS	CONVERSION FACTOR
AF12095	1.00
AF12125	1.00
AF19156	0.98
A12125	0.99
A19156	0.94



- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Standard results based on 3500K standard, 80 CRI, actual lumens may vary +/-5%
- Tunable white results based on 4000K standard, 80 CRI, actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.

PHOTOMETRY

LPT-24-P70/835-SAF12095 Total Luminaire Output: 7012 lumens; 51.7 Watts | Efficacy: 136lm/W | 80 CRI; 3500K CCT



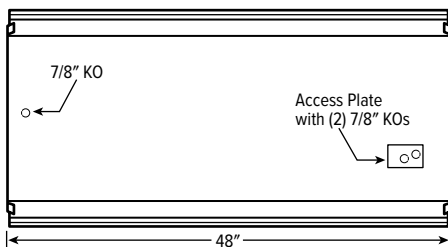
VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	3208	3208	3208	
5	3160	3157	3157	300
15	2991	2991	2994	845
25	2700	2700	2710	1240
35	2245	2245	2252	1396
45	1666	1643	1617	1265
55	1070	1012	971	921
65	612	556	558	578
75	309	294	332	336
85	118	120	144	131
90	0	0	0	

ZONE	LUMENS	% FIXTURE
0 - 30	2385	34
0 - 40	3781	54
0 - 60	5967	85
0 - 90	7012	100
0 - 180	7012	100

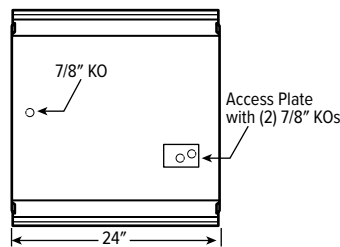
FIXTURE DETAILS

BACKVIEW

2x4



2x2



NODE CONNECTION DETAILS

Includes 24" cable with 4-position mating connector for Platformatics POE-LN2 node. See node spec sheet for details: platformatics.com/product/poe-ln2

