

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.
- Backlit curved lens provides uniform illumination for visual comfort
- Available with decorative inserts to customize center lens
- Distinct curved deep center detail creates a highly-aesthetic presence
- Maximize energy savings with efficacies as high as 128 lm/w
- Hinged door frame with optical assembly swings down to allow easy access from room side of fixture
- Optional gasketed acrylic lens helps protect against contaminants
- Made Right Here® in the USA

## SPECIFICATIONS

- **HOUSING** – Precision die-formed 22-gauge C.R.S.
- **DOOR FRAME** – Hinged, flat, extruded aluminum door frame with optical assembly.
- **SHIELDING** – Diffuse polycarbonate lens and acrylic center standard.
- **FINISH** – 95% 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 boards. 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. NEMA Type “F” available, see options.
- **LISTINGS** –
  - cCSAus certified as luminaire suitable for dry or damp locations.
- **WARRANTY** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

## 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](http://hew.com/poe)
- Consult factory for design support



## ORDERING EXAMPLE: AT2 - 2 4 - P58/835 - D - OPTIONS - POE PR

### ORDERING INFO

SERIES	WIDTH	LENGTH	LUMENS <sup>[1]</sup>	CRI	CCT	SHIELDING
AT2	2 2'	2 2'	2x2	8 80	27 2700K	D Diffuse matte acrylic center
		4 4'	P16 1,600lm	9 90 <sup>[2]</sup>	30 3000K	P Perforated center <sup>[3]</sup>
			P25 2,500lm		35 3500K	<b>DECORATIVE INSERTS <sup>[4]</sup></b>
			P52 5,200lm		40 4000K	
			2x4		50 5000K	
			P27 2,700lm		TW Tunable white (80 CRI, 3000K-5000K)	
			P58 5,800lm			
			P100 10,000lm			
						D11 Triple wave
						D12 Brushed metal
					D13 Elliptical Perf	
					D14 Circles	
					D15 Stripes	
					D16 Tri-Pyramid	

### OPTIONS

<b>EQCLIPS</b>	Earthquake clips <sup>[6]</sup>
<b>SS</b>	Sani-shield acrylic cover with double gasket. <sup>[7]</sup>
<b>SS/PC</b>	Sani-shield polycarbonate cover with double gasket. <sup>[8]</sup>
<b>AMW</b>	Anti-microbial white finish
<b>NEMA F</b>	NEMA Type “F” flange kit <sup>[9]</sup>

### CONTROL <sup>[5]</sup>

<b>POE PR</b>	Power over Ethernet, Platformatics-ready
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### NOTES

- <sup>1</sup> Lumen output based on 3500K for single CCT and 4000K for TW. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- <sup>2</sup> Extended lead times may apply. Consult factory for availability. Not available with Tunable White.
- <sup>3</sup> Decreases lumen output by 15%.
- <sup>4</sup> Only available with D shielding option. See page 3 for DIFFUSE CENTER DECORATIVE INSERT DETAILS.
- <sup>5</sup> See page 3 for NODE CONNECTION DETAILS. For additional PoE info, see [hew.com/poe](http://hew.com/poe).
- <sup>6</sup> 4 per fixture. Optional for 1” grid installations. Required for 9/16” grid mounting. Not available with NEMA F Option.
- <sup>7</sup> Reduces lumen output by 10%.
- <sup>8</sup> Reduces lumen output by 10%.
- <sup>9</sup> Factory-installed. See page 3 for NEMA TYPE “F” INSTALLATION.



# AT2 PoE | tunable WHITE Architectural Surface – Curved Deep Center

## FIXTURE PERFORMANCE DATA

### STANDARD

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2x2	P16	1698	14.4	117.9
	P25	2581	23.2	111.5
	P52	5397	46.9	115.2
2x4	P27	2798	21.7	128.9
	P58	5918	47.5	124.7
	P100 <sup>1</sup>	10250	81.2	126.3

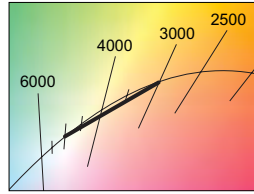
### TUNABLE WHITE

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2x2	P16	1653	15.4	107.1
	P25	2582	25.1	102.9
	P52	5381	50.1	107.5
2x4	P27	2771	24.2	114.4
	P58	5952	49.8	119.5
	P100 <sup>1</sup>	10271	95.2	107.8

### MULTIPLIER TABLE

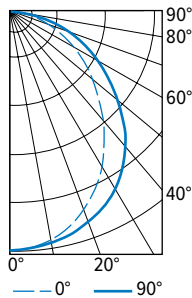
	COLOR TEMPERATURE		
	CCT	LUMENS	
		STANDARD	TUNABLE WHITE
80 CRI	2700K	0.97	-
	3000K	0.99	0.95
	3500K	1.00	0.98
	4000K	1.03	1.00
	5000K	1.06	0.96
90 CRI	2700K	0.80	-
	3000K	0.82	-
	3500K	0.83	-
	4000K	0.86	-
	5000K	0.89	-

- 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.
- <sup>1</sup> Fixture contains two nodes, one power drop per node required.



## PHOTOMETRY

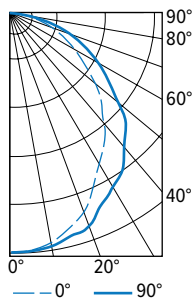
AT2-22-P52/835-D Total Luminaire Output: 5397 lumens; 47 Watts | Efficacy: 115 lm/W | 82 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2124	2124	2124	
	5	2120	2112	2109	200
	15	2001	2007	2043	568
	25	1762	1831	1915	845
	35	1478	1577	1685	985
	45	1139	1240	1339	959
	55	812	918	986	814
	65	529	619	680	605
	75	269	341	394	346
	85	49	43	41	73
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1613	30
	0 - 40	2599	48
	0 - 60	4372	81
	0 - 90	5397	100
	0 - 180	5397	100

AT2-24-P58/835-D Total Luminaire Output: 5918 lumens; 48 Watts | Efficacy: 125 lm/W | 82 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2358	2358	2358	
	5	2345	2346	2348	223
	15	2213	2232	2261	629
	25	1915	1977	2052	914
	35	1551	1660	1769	1041
	45	1250	1397	1490	1050
	55	864	1001	1065	884
	65	578	706	758	676
	75	301	412	412	403
	85	90	64	60	99
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1766	30
	0 - 40	2807	47
	0 - 60	4740	80
	0 - 90	5918	100
	0 - 180	5918	100

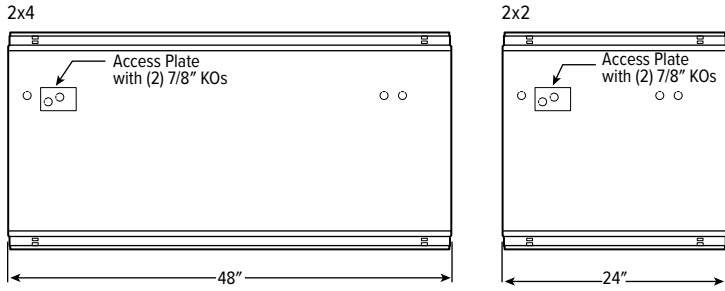


# AT2 PoE | tunable WHITE

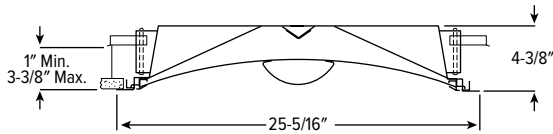
## Architectural Surface – Curved Deep Center

### FIXTURE DETAILS

#### BACKVIEW



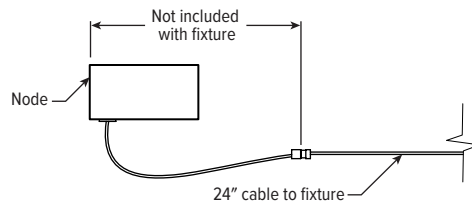
### NEMA TYPE "F" INSTALLATION



Note: Maximum recommended ceiling opening is 24-3/8" x 24-3/8" for 2'x2' and 24-3/8" x 48-3/8" for 2'x4'. For continuous row mounting, add 49-5/16" for each additional fixture to obtain ceiling opening. 1-5/16" between end plates.

### 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](http://platformatics.com/product/poe-ln2)



### DIFFUSE CENTER DECORATIVE INSERT DETAILS

