

CATALOG #: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_



## FEATURES

- Deliver scalable, data-driven smart buildings with PoE-enabled fixtures and controls
- Support human-centric design with adaptive, individualized lighting using tunable white light
- 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
- 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** – NEMA Type “G” 15/16” or 1” grid standard. For NEMA Type “NFG” and “SG” 9/16” grid installations, specify EQCLIPS option. Drywall flange type available, see options.
- LISTINGS** –
  - cCSAus certified as luminaire suitable for dry or damp locations.
  - Complies with the Buy American Act and other federal regulations. Request certification at [hew.com/baa](http://hew.com/baa).
- 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)

## 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 (3000K-5000K)	
			P58 5,800lm		TW2 Tunable white (2700K-6500K)	
			P100 10,000lm			

### OPTIONS

- EQCLIPS** Earthquake clips <sup>[6]</sup>
- SS** Sani-shield acrylic cover with double gasket <sup>[7]</sup>
- SS/PC** Sani-shield polycarbonate cover with double gasket <sup>[8]</sup>
- AMW** Anti-microbial white finish
- NEMA F** Flange kit, factory installed <sup>[9]</sup>

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

- POE PR** Power over Ethernet-ready

### NOTES

- Lumen output based on D Shielding, 80 CRI, 3500K for single CCT and 4000K for TW. Actual performance may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- Extended lead times may apply. Consult factory for availability.
- Decreases lumen output by 15%
- Only available with D shielding option. See page 3 for DIFFUSE CENTER DECORATIVE INSERT DETAILS.
- For additional PoE connection details, consult factory.
- 4 per fixture. Optional for 1” grid installations. Required for 9/16” grid mounting. Not available with NEMA F Option.
- Reduces lumen output by 10%. See page 3 for FIXTURE DETAILS.
- Reduces lumen output by 10%. See page 3 for FIXTURE DETAILS.
- See page 3 for FLANGE KIT 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	118
	P25	2581	23.2	111
	P52	5397	46.9	115
2x4	P27	2798	21.7	129
	P58	5918	47.5	125
	P100 <sup>(1)</sup>	10250	81.2	126

### TUNABLE WHITE

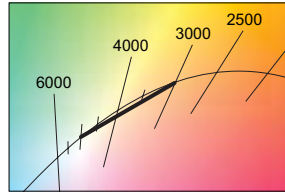
	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2x2	P16	1653	15.4	107
	P25	2582	25.1	103
	P52	5381	50.1	107
2x4	P27	2771	24.2	115
	P58	5952	49.8	120
	P100 <sup>(1)</sup>	10271	95.2	108

### MULTIPLIER TABLE

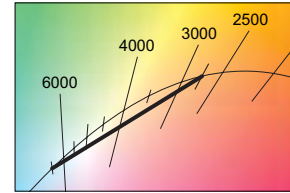
	COLOR TEMPERATURE			
	CCT	STANDARD	TW	TW2
80 CRI	2700K	0.97	-	0.93
	3000K	0.99	0.95	0.95
	3500K	1.00	0.98	0.98
	4000K	1.03	1.00	1.00
	5000K	1.06	0.96	1.02
	6500K	-	-	1.01
90 CRI	2700K	0.80	-	0.93
	3000K	0.82	0.91	0.95
	3500K	0.83	0.96	0.98
	4000K	0.86	1.00	1.00
	5000K	0.89	1.03	1.03
	6500K	-	-	1.02

- 1 Fixture contains two nodes, one power drop per node required.
- Photometrics tested in accordance with IESNA LM-79. Results based on D shielding, 80 CRI, 3500K CCT static white, 4000K CCT tunable white, and 25°C ambient temperature. Actual performance may vary +/-5%.
  - Use multiplier table to calculate additional options.

### TW

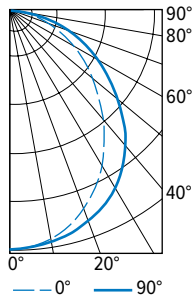


### TW2



## PHOTOMETRY

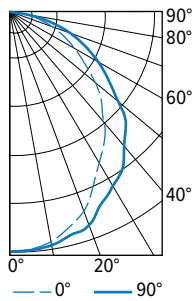
AT2-22-P52/835-D Total Luminaire Output: 5397 lumens; 46.9 Watts | Efficacy: 115 lm/W | 80 CRI; 3500K CCT



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; 47.5 Watts | Efficacy: 125 lm/W | 80 CRI; 3500K CCT



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



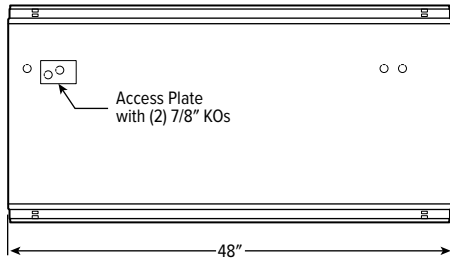
# AT2 PoE | tunable WHITE

## Architectural Surface – Curved Deep Center

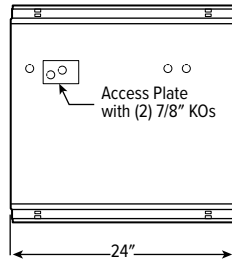
### FIXTURE DETAILS

#### BACKVIEW

2x4

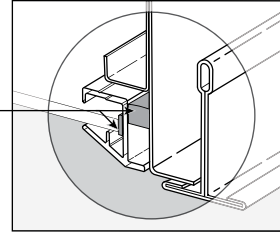


2x2

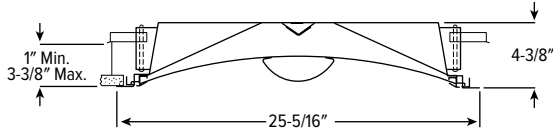


#### SS | SS/PC OPTIONS GASKETING DETAILS

Gasketing factory-installed between door frame and luminaire housing and between door frame and lens.



### FLANGE KIT 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.

### DIFFUSE CENTER DECORATIVE INSERT DETAILS

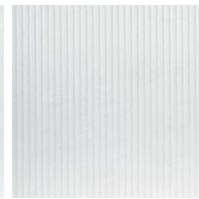
TRIPLE WAVE



BRUSHED METAL



STRIPES



TRI-PYRAMID

