

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
- Distinct straight floating center detail creates a highly-aesthetic presence
- Maximize energy savings with efficacies as high as 118 lm/w
- Optional gasketed acrylic lens helps protect against contaminants
- Made Right Here® in the USA

## SPECIFICATIONS

- HOUSING – 20-gauge die-formed, welded 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 – Surface or suspended.
- 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: ATS3 - 2 4 - P58/835 - D - OPTIONS - POE PR

### ORDERING INFO

SERIES	WIDTH	LENGTH	LUMENS <sup>[1]</sup>	CRI	CCT	SHIELDING	
ATS3	1 1'	2 2' <sup>[2]</sup>	1x4	8 80	27 2700K	D Diffuse matte acrylic center P Perforated center <sup>[4]</sup>	
		4 4'	P16 1,600lm	9 90 <sup>[3]</sup>	30 3000K		
	2 2'	P25 2,500lm	35 3500K				
		P52 5,200lm	40 4000K				
		2x2	P16 1,600lm	50 5000K			
			P25 2,500lm	TW Tunable white (80 CRI, 3000K-5000K)			
2x4	P52 5,200lm						
	P27 2,700lm						
	P58 5,800lm						
			P100 10,000lm				

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

### CONTROL <sup>[6]</sup>

- POE PR Power over Ethernet, Platformatics-ready

## NOTES

- <sup>1</sup> Lumen output based on 80 CRI, 3000K for single CCT and 4000K for TW. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- <sup>2</sup> 2' width only.
- <sup>3</sup> Extended lead times may apply. Consult factory for availability.
- <sup>4</sup> Not available with Tunable White.
- <sup>5</sup> Decreases lumen output by 15%
- <sup>5</sup> See page 4 for FINISH OPTIONS. Suspended mounting available. See page 4 for SUSPENDED MOUNTING DETAILS.
- <sup>6</sup> See page 3 for NODE CONNECTION DETAILS. For additional PoE info, see [hew.com/poe](http://hew.com/poe).
- <sup>7</sup> Reduces lumen output by 10%.
- <sup>8</sup> Reduces lumen output by 10%.



# ATS3 PoE | tunable WHITE Architectural Surface – Straight Floating Center

## FIXTURE PERFORMANCE DATA

### STANDARD

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1x4	P16	1534	14.4	106.4
	P25	2331	23.2	100.7
	P52	4873	46.9	104.0
2x2	P16	1534	14.4	106.4
	P25	2331	23.2	100.7
	P52	4873	46.9	104.0
2x4	P27	2633	21.7	121.3
	P58	5570	47.5	117.4
	P100 <sup>1</sup>	9647	81.2	118.9

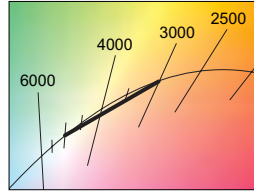
### TUNABLE WHITE

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1x4	P16	1493	15.4	96.7
	P25	2332	25.1	92.9
	P52	4858	50.1	97.0
2x2	P16	1493	15.4	96.7
	P25	2332	25.1	92.9
	P52	4858	50.1	97.0
2x4	P27	2608	24.2	107.6
	P58	5602	49.8	112.5
	P100 <sup>1</sup>	9667	95.2	101.5

### MULTIPLIER TABLE

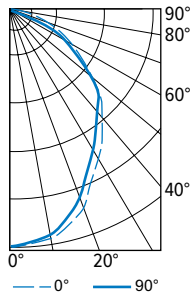
	COLOR TEMPERATURE		
	CCT	LUMENS	
		STANDARD	TUNABLE WHITE
80 CRI	2700K	0.97	-
	3000K	0.99	0.95
	3500K	1.00	0.98
	4000K	1.03	1.00
90 CRI	2700K	0.80	-
	3000K	0.82	-
	3500K	0.83	-
	4000K	0.86	-
	5000K	0.89	-

- Fixtures contain two nodes, one power drop per node required.
- 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

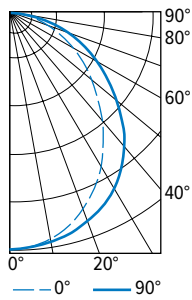
ATS3-14-P52/835-D Total Luminaire Output: 4873 lumens; 47 Watts | Efficacy: 104 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2222	2222	2222	
5	2198	2192	2187	208
15	2081	2052	2027	578
25	1778	1725	1690	803
35	1481	1424	1402	896
45	1202	1161	1150	887
55	829	810	778	722
65	543	526	389	482
75	264	189	173	233
85	73	50	37	62
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1589	33
	0 - 40	2486	51
	0 - 60	4095	84
	0 - 90	4873	100
	0 - 180	4873	100

ATS3-22-P52/835-D Total Luminaire Output: 4873 lumens; 47 Watts | Efficacy: 104 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1918	1918	1918	
5	1914	1907	1904	181
15	1807	1812	1845	513
25	1591	1653	1729	763
35	1334	1424	1521	890
45	1028	1119	1209	865
55	734	828	890	735
65	478	559	614	547
75	243	308	356	313
85	44	39	37	66
90	0	0	0	

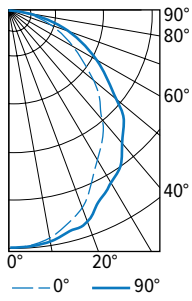
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1457	30
	0 - 40	2347	48
	0 - 60	3947	81
	0 - 90	4873	100
	0 - 180	4873	100



# ATS3 PoE | tunable WHITE

## Architectural Surface – Straight Floating Center

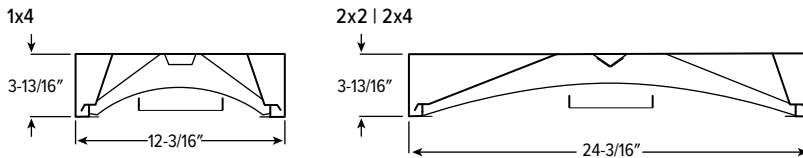
ATS3-24-P58/835-D Total Luminaire Output: 5570 lumens; 48 Watts | Efficacy: 117 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2219	2219	2219	
	5	2207	2208	2210	210
	15	2083	2101	2128	592
	25	1802	1861	1931	860
	35	1460	1563	1665	980
	45	1176	1315	1402	988
	55	813	942	1002	832
	65	544	664	714	636
	75	283	387	387	379
	85	85	60	56	93
	90	0	0	0	

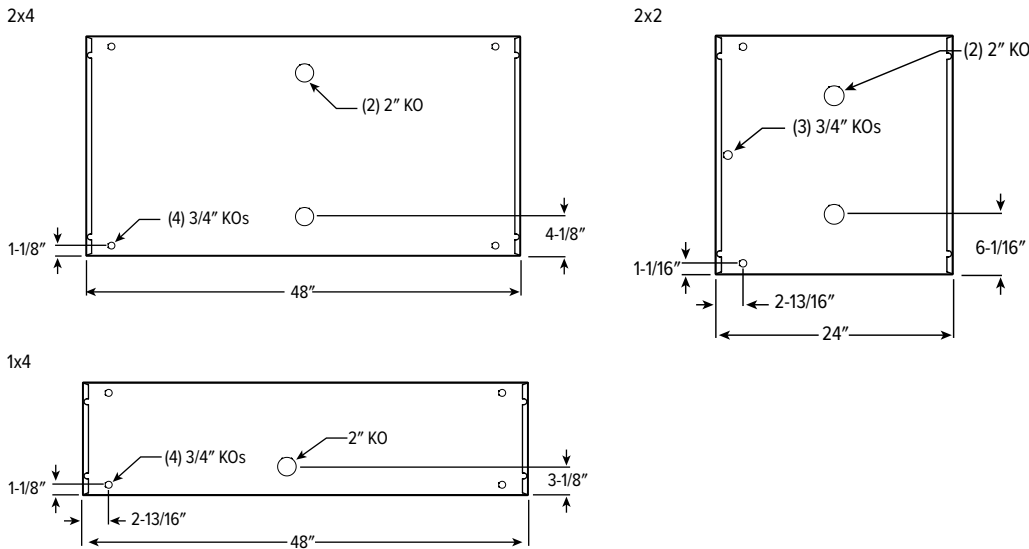
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1662	30
	0 - 40	2641	47
	0 - 60	4461	80
	0 - 90	5570	100
	0 - 180	5570	100

### CROSS SECTIONS



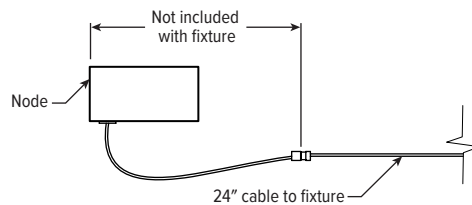
### FIXTURE DETAILS

#### BACKVIEW



### 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)



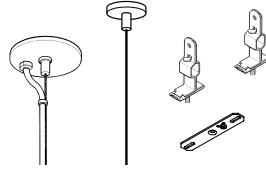
# ATS3 PoE | tunable **WHITE** Architectural Surface – Straight Floating Center

## SUSPENDED MOUNTING DETAILS

### ORDERING INFO (EXAMPLE: ACF\*4P/D48)

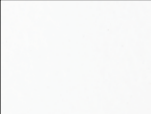



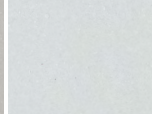

Prefix	Type	Length	
ACF*4P	Adjustable Aircraft Cable	D 1" grid & hardpan	24 24"
		N 9/16" grid	48 48"
	S Slot grid	96 96"	
		144 144"	
		192 192"	
240 240"			
300 300"			

### STANDARD HARDWARE (Grid & Hardpan)



- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- One 5" canopy used at power feed location to cover the junction box. Three other suspension points use 2" canopy at the non-feed point. One power drop per node required.

## FINISH OPTIONS

WHITE	BLACK	BRONZE	NICKEL	SILVER	ALUMINUM
					

For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

