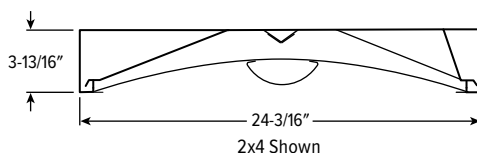


ATS2 PoE | tunable **WHITE** Architectural Surface – Curved Deep Center



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
- Maximize energy savings with efficacies as high as 129 lm/w
- Optional gasketed acrylic lens helps protect against contaminants
- Made Right Here® in the USA



ORDERING EXAMPLE: ATS2 - 2 4 - P58/835 - D - OPTIONS - POE PR

ORDERING INFO

SERIES	WIDTH	LENGTH	LUMENS ^[1]	CRI	CCT	SHIELDING
ATS2	2 2'	2 2'	2x2	8 80	27 2700K	D Diffuse matte acrylic center
		4 4'	P16 1,600lm	9 90 ^[2]	30 3000K	P Perforated center ^[3]
			P25 2,500lm		35 3500K	
			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			
						DECORATIVE INSERTS ^[4]
						D11 Triple wave
						D12 Brushed metal
						D13 Elliptical Perf
						D14 Circles
						D15 Stripes
						D16 Tri-Pyramid

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.
 - Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.

OPTIONS ^[5]

- SS** Sani-shield acrylic cover with double gasket. ^[7]
- SS/PC** Sani-shield polycarbonate cover with double gasket. ^[8]
- AMW** Anti-microbial white finish

CONTROL ^[6]

- POE PR** Power over Ethernet-ready

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

NOTES

- Lumen output based on 80 CRI, 3000K 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.
- See page 3 for FINISH OPTIONS. Suspended mounting available. See page 3 for SUSPENDED MOUNTING DETAILS.
- For additional PoE connection details, consult factory.
- Reduces lumen output by 10%.
- Reduces lumen output by 10%.



ATS2 PoE | tunable WHITE

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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 ¹	10250	81.2	126

TUNABLE WHITE

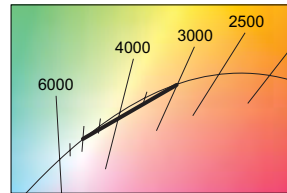
	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2x2	P16	1653	15.4	107
	P25	2582	25.1	103
	P52	5381	50.1	107
2x4	P27	2771	24.2	115
	P58	5952	49.8	120
	P100 ¹	10271	95.2	108

MULTIPLIER TABLE

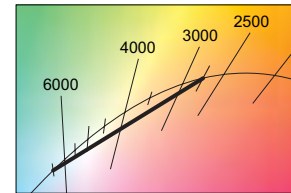
COLOR TEMPERATURE				
	CCT	STANDARD	TW	TW2
80 CRI	2700K	0.97	—	0.93
	3000K	0.99	0.95	0.95
	3500K	1.00	0.98	0.98
	4000K	1.03	1.00	1.00
	5000K	1.06	0.96	1.02
	6500K	—	—	1.01
90 CRI	2700K	0.80	—	0.93
	3000K	0.82	0.91	0.95
	3500K	0.83	0.96	0.98
	4000K	0.86	1.00	1.00
	5000K	0.89	1.03	1.03
	6500K	—	—	1.02

- 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 performance may vary +/-5%
- Tunable white results based on 4000K standard, 80 CRI, actual performance may vary +/-5%
- Use multiplier tables to calculate additional options.
- ¹ Fixture contains two nodes, one power drop per node required.

TW

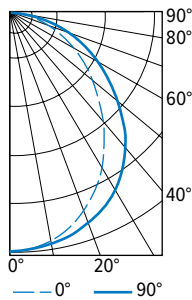


TW2



PHOTOMETRY

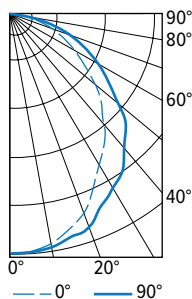
ATS2-22-P52/835-D Total Luminaire Output: 5397 lumens; 47 Watts | Efficacy: 115 lm/W | 80 CRI; 3500K CCT



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

ATS2-24-P58/835-D Total Luminaire Output: 5918 lumens; 48 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	

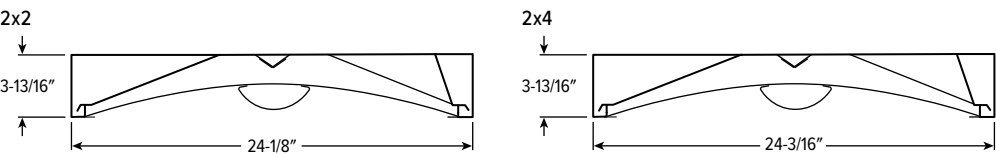
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1766	30
	0 - 40	2807	47
	0 - 60	4740	80
	0 - 90	5918	100
	0 - 180	5918	100



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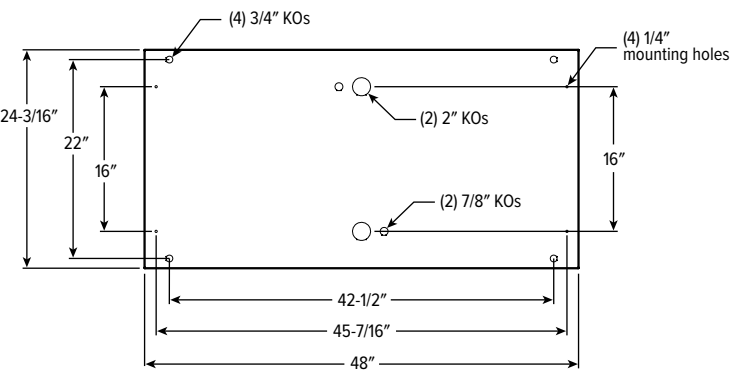
CROSS SECTIONS



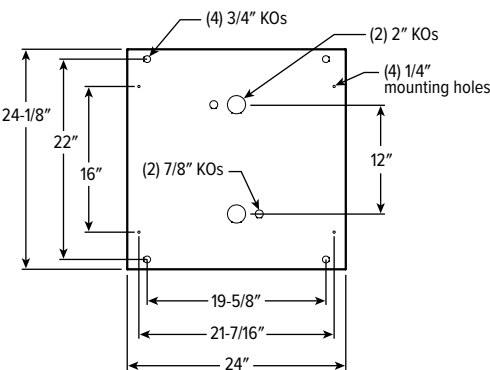
FIXTURE DETAILS

BACKVIEW

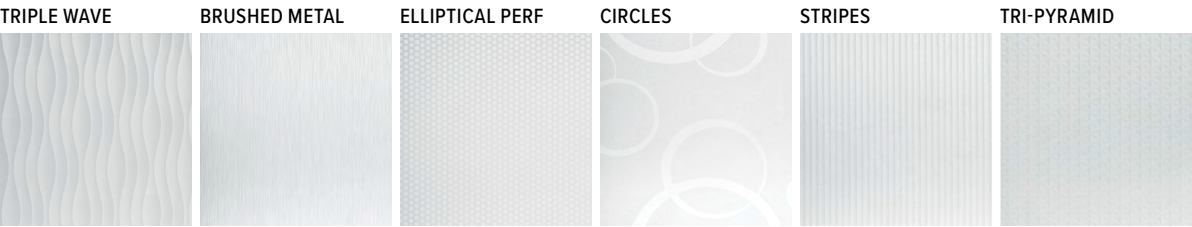
2x4



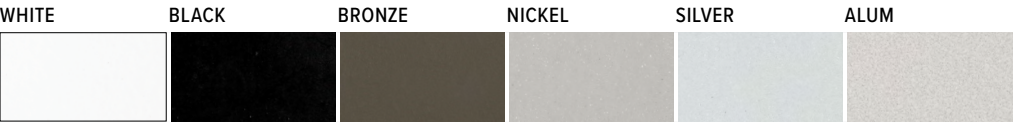
2x2



DIFFUSE CENTER DECORATIVE INSERT DETAILS



FINISH OPTIONS



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.

SUSPENDED MOUNTING DETAILS

AIRCRAFT CABLE

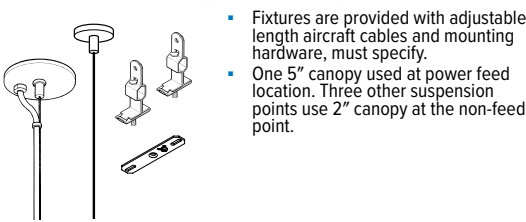
ORDERING EXAMPLE: ACF*4P/D48			
PREFIX	TYPE	LENGTH	
ACF*4P	Four point mount adjustable aircraft cable	D 1" grid & hardpan	24 24"
		N 9/16" grid	48 48"
		S Slot grid	96 96"
			144 144"
			192 192"
			240 240"
			300 300"

LOW-VOLTAGE CORD OPTIONS

Must specify low-voltage cord when cable mounting.

ORDERING EXAMPLE: P24/W		
CORD TYPE	LENGTH	COLOR
P PoE	24 24"	/W White /B Black
	48 48"	
	96 96"	

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. Three other suspension points use 2" canopy at the non-feed point.

