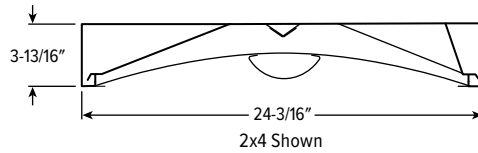


ATS2 PoE | tunable **WHITE** Architectural Surface – Curved Deep Center



CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Create scalable, highly functioning smart buildings with Platformatics Power over Ethernet 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 128 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.

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/platformatics
- Consult factory for design support



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 | DECORATIVE INSERTS ^[4] |
| | | | P52 5,200lm | | 40 4000K | D11 Triple wave |
| | | | 2x4 | | 50 5000K | D12 Brushed metal |
| | | | P27 2,700lm | | TW Tunable white (3000K-5000K) | D13 Elliptical Perf |
| | | | P58 5,800lm | | TW2 Tunable white (2700K-6500K) | D14 Circles |
| | | | P100 10,000lm | | | D15 Stripes |
| | | | | | | D16 Tri-Pyramid |

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, Platformatics-ready

NOTES

- ¹ 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.
- ² Extended lead times may apply. Consult factory for availability.
- ³ Decreases lumen output by 15%
- ⁴ Only available with D shielding option. See page 3 for DIFFUSE CENTER DECORATIVE INSERT DETAILS.
- ⁵ See page 3 for FINISH OPTIONS. Suspended mounting available. See page 4 for SUSPENDED MOUNTING DETAILS.
- ⁶ See page 3 for NODE CONNECTION DETAILS. For additional PoE info, see hew.com/platformatics.
- ⁷ Reduces lumen output by 10%.
- ⁸ Reduces lumen output by 10%.



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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 ¹ | 10250 | 81.2 | 126.3 |

TUNABLE WHITE

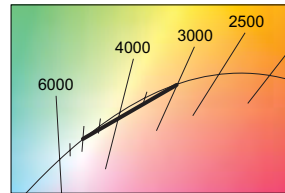
| | LED PACKAGE | DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) |
|-----|-------------------|------------------|---------|-----------------|
| 2x2 | P16 | 1653 | 15.4 | 107.1 |
| | P25 | 2582 | 25.1 | 102.9 |
| | P52 | 5381 | 50.1 | 107.5 |
| 2x4 | P27 | 2771 | 24.2 | 114.4 |
| | P58 | 5952 | 49.8 | 119.5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

MULTIPLIER TABLE

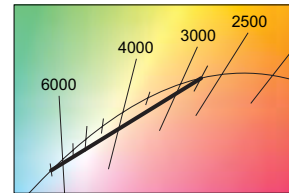
| | COLOR TEMPERATURE | | | |
|--------|-------------------|----------|------|------|
| | CCT | STANDARD | TW | TW2 |
| 80 CRI | 2700K | 0.97 | - | 0.93 |
| | 3000K | 0.99 | 0.95 | 0.95 |
| | 3500K | 1.00 | 0.98 | 0.98 |
| | 4000K | 1.03 | 1.00 | 1.00 |
| | 5000K | 1.06 | 0.96 | 1.02 |
| | 6500K | - | - | 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 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.
- 1 Fixture contains two nodes, one power drop per node required.

TW

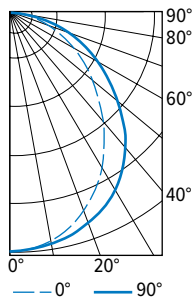


TW2



PHOTOMETRY

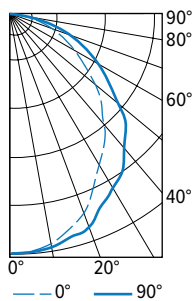
ATS2-22-P52/835-D Total Luminaire Output: 5397 lumens; 47 Watts | Efficacy: 115 lm/W | 80 CRI; 3500K CCT



| 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



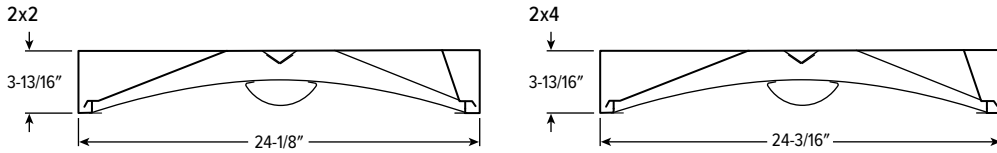
| VERTICAL ANGLE | HORIZONTAL ANGLE | | | ZONAL LUMENS |
|----------------|------------------|------|------|--------------|
| | 0° | 45° | 90° | |
| 0 | 2358 | 2358 | 2358 | |
| 5 | 2345 | 2346 | 2348 | 223 |
| 15 | 2213 | 2232 | 2261 | 629 |
| 25 | 1915 | 1977 | 2052 | 914 |
| 35 | 1551 | 1660 | 1769 | 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 |



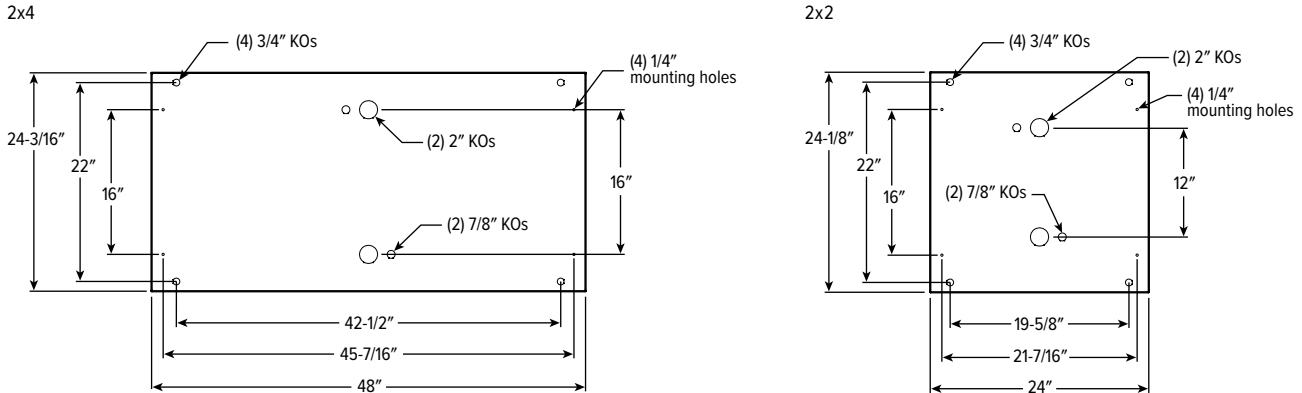
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CROSS SECTIONS



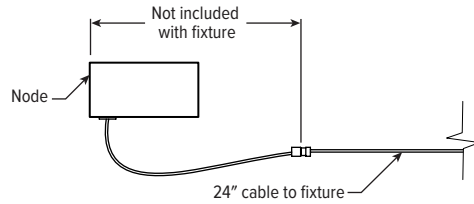
FIXTURE DETAILS

BACKVIEW

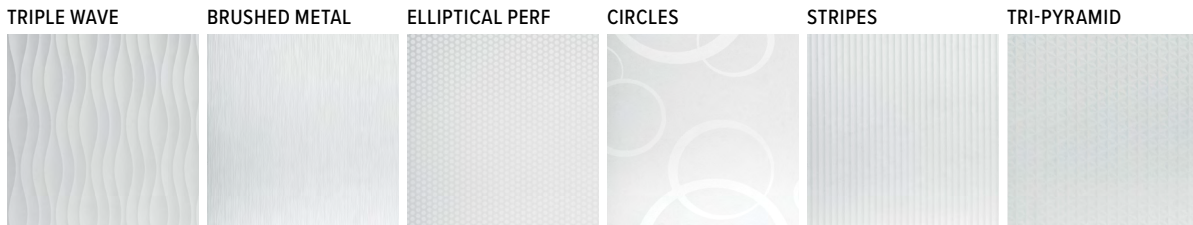


NODE CONNECTION DETAILS

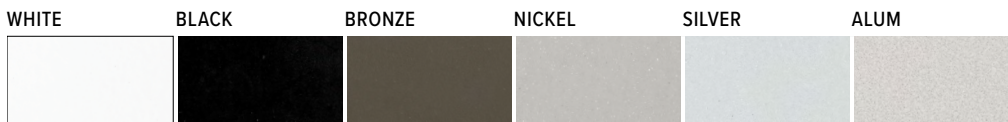
Includes 24" cable with 4-position mating connector for Platformatics POE-LN2 node. See node spec sheet for details: platformatics.com/product/poe-ln2



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.

ATS2 PoE | tunable **WHITE**

Architectural Surface – Curved Deep Center

SUSPENDED MOUNTING DETAILS

AIRCRAFT CABLE

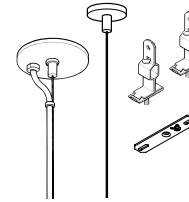
| ORDERING EXAMPLE: ACF*4P/D48 | | | |
|------------------------------|--------------------------------------------|---------------------|----------|
| PREFIX | | TYPE | LENGTH |
| ACF*4P | Four point mount adjustable aircraft cable | D 1" grid & hardpan | 24 24" |
| | | | 48 48" |
| | | N 9/16" grid | 96 96" |
| | | S Slot grid | 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 |
| | 48 48" | /B Black |
| | 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.

