

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Williams turn-key Power over Ethernet (PoE) solution provides plug-and-play networked lighting and control
- 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

SYSTEM REQUIREMENTS

- Lighting system (site software)
- Gateway or alternate server (runs software)
- PoE switches or Ethernet switches and mid-span power injectors
- See hew.com/poe for details

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” standard, NEMA Type “F” available.
- LISTINGS** –
 - cCSAus certified as luminaire suitable for dry or damp locations.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.

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

ORDERING INFO

| SERIES | WIDTH | LENGTH | LUMENS ^[1] | 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 ^[2] | 30 3000K | P Perforated center ^[3] |
| | | P25 2,500lm | | 35 3500K | DECORATIVE INSERTS ^[4] | |
| | | P52 5,200lm | | 40 4000K | | |
| | | 2x4 | | 50 5000K | | |
| | | P27 2,700lm | | TW Tunable white (80 CRI, 3000K-5000K) | | |
| | | P58 5,800lm | | | D11 Triple wave | |
| | P100 10,000lm | | | D12 Brushed metal | | |
| | | | | | D13 Elliptical Perf | |
| | | | | | D14 Circles | |
| | | | | | D15 Stripes | |
| | | | | | D16 Tri-Pyramid | |

OPTIONS ^[5]

- EM/CP12** Remote mount 12-watt Iota emergency battery ^[7]
- EQCLIPS** Earthquake clips ^[8]
- SS** Gasketed clear flat acrylic lens
- AMW** Anti-microbial white finish
- NEMA F** NEMA Type “F” flange kit ^[9]

CONTROL ^[6]

- POE N** Power over Ethernet network node
- POE D** Power over Ethernet device node ^[10]

NOTES

- Lumen output based on 3500K for single CCT and 4000K for TW. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- Extended lead times may apply. Consult factory for availability. Not available with Tunable White.
- Decreases lumen output by 15%
- Only available with D shielding option. See page 3 for DIFFUSE CENTER DECORATIVE INSERT DETAILS.
- See hew.com/poe for compatible sensors & switches
- 1'x4' fixture requires remote mounting. See page 3 for REMOTE MOUNT DETAILS. For additional PoE info, see hew.com/poe
- Requires one additional category cable run to switch. See page 3 for REMOTE MOUNT DETAILS.
- NEMA Type “G” only, 4 per fixture
- Factory-installed. See page 3 for NEMA TYPE “F” INSTALLATION.
- Not available for fixtures over 40W



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 ¹ | 10250 | 81.2 | 126.3 |

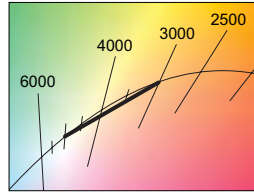
TUNABLE WHITE

| | 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

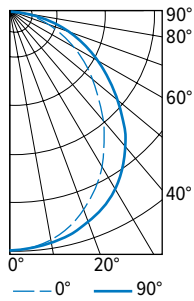
| | COLOR TEMPERATURE | | |
|--------|-------------------|----------|---------------|
| | CCT | LUMENS | |
| | | STANDARD | TUNABLE WHITE |
| 80 CRI | 2700K | 0.97 | - |
| | 3000K | 0.99 | 0.95 |
| | 3500K | 1.00 | 0.98 |
| | 4000K | 1.03 | 1.00 |
| | 5000K | 1.06 | 0.96 |
| 90 CRI | 2700K | 0.80 | - |
| | 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.
- ¹ Fixture contains two nodes, one power drop per node required.



PHOTOMETRY

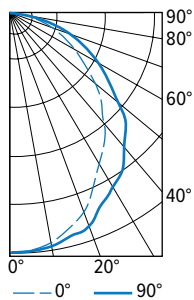
AT2-22-P52/835-D Total Luminaire Output: 5397 lumens; 47 Watts | Efficacy: 115 lm/W | 82 CRI; 3500K CCT



| 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 | |

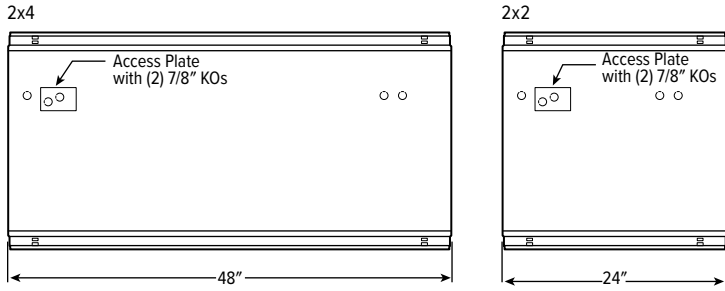
| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | 0 - 30 | 1766 | 30 |
| | 0 - 40 | 2807 | 47 |
| | 0 - 60 | 4740 | 80 |
| | 0 - 90 | 5918 | 100 |
| | 0 - 180 | 5918 | 100 |



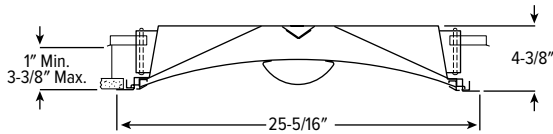
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FIXTURE DETAILS

BACKVIEW



NEMA TYPE "F" INSTALLATION



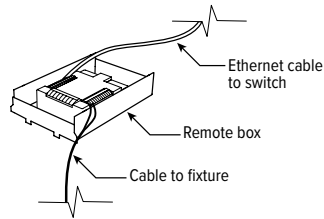
Note: Maximum recommended ceiling opening is 24-3/8" x 24-38" for 2'x2' and 24-3/8"x 48-3/8" for 2'x4'. For continuous row mounting, add 49-5/16" for each additional fixture to obtain ceiling opening. 1-5/16" between end plates.

REMOTE MOUNT DETAILS

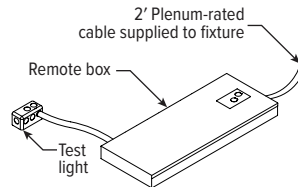
Includes 2' plenum-rated 18ga. solid cable. Remote box can be installed in:

- Above ceiling grid
- Remote closet (within 100ft)
- Surface below ceiling

NODE



NODE AND EM OPTION



DIFFUSE CENTER DECORATIVE INSERT DETAILS

