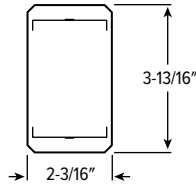
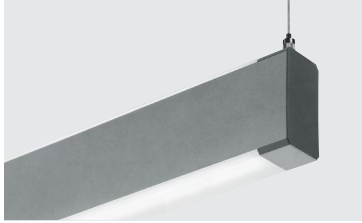


AX2UD PoE | tunable WHITE

2" Suspended Architectural Up/Down



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
- Sleek, slim architectural design provides direct or indirect light
- Slightly wrapped lens creates glowing edge and smooth illumination
- Attractive source of direct or indirect lighting for use in offices, hallways, conference rooms and medical facilities
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING – Extruded aluminum.
- SHIELDING – Frosted acrylic lens.
- FINISH – Matte, smooth silver sparkle standard. All other colors default to textured finish. 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 board. L70 > 60,000 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 – Suspended. 1/16" diameter adjustable steel leveling aircraft cable and mounting hardware necessary for grid ceiling applications provided.
- LISTINGS –
 - cETLus conforms to UL STD 1598 and UL STD 8750. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for 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/poe
- Consult factory for design support



ORDERING EXAMPLE: AX2UD - 4 - P23U/P23D/835 - S - AC/D48 - OPTIONS - POE PR

ORDERING INFO

| SERIES | LENGTH | LUMEN PACKAGE (EXAMPLE: P23U/P23D/835) | | | | FIXTURE TYPE |
|--------|--------|---|-------------|--|----------|-----------------------------------|
| AX2UD | 4 4' | Specify lumen packages: U for Uplight and D for Downlight | | | | F Feeder unit ^[1] |
| | 8 8' | LUMENS ^[4] | U or D | CRI | CCT | J Joiner unit ^[2] |
| | | 4' | U Uplight | 8 80 | 30 3000K | S Stand-alone unit ^[3] |
| | | P23 2,300lm | D Downlight | 9 90 ^[5] | 35 3500K | |
| | 8' | | | 40 4000K | | |
| | | P47 4,700lm | | 50 5000K | | |
| | | | | TW Tunable white (80 CRI, 3000K-5000K) | | |

MOUNTING (EXAMPLE: AC/D48) ^[6]

| Prefix | Type | Length |
|--------|---------------------|--------|
| AC/ | D 1" grid & hardpan | 24 24" |
| | N 9/16" grid | 48 48" |
| | S Slot grid | 96 96" |

OPTIONS

See page 3 for FINISH OPTIONS.

CONTROL ^[7]

POE PR Power over Ethernet, Platformatics-ready

NOTES

- ¹ Straight white cord standard, two end plates, field installed.
- ² Straight white cord standard, no end plates
- ³ Straight white cord standard, two end plates installed
- ⁴ Nominal 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.
- ⁵ Extended lead times may apply. Consult factory for availability. Not available with tunable white.
- ⁶ See page 3 for MOUNTING DETAILS.
- ⁷ See page 3 for NODE CONNECTION DETAILS. For additional PoE info, see hew.com/poe.



AX2UD^{PoE} | tunable **WHITE** 2" Suspended Architectural Up/Down

FIXTURE PERFORMANCE DATA

STANDARD

| | LED PACKAGE | DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) |
|----|------------------|------------------|---------|-----------------|
| 4' | P23 | 2304 | 23.0 | 100.3 |
| 8' | P47 ¹ | 4734 | 44.6 | 106.1 |

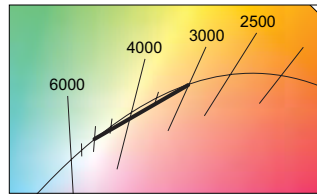
TUNABLE WHITE

| | LED PACKAGE | DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) |
|----|------------------|------------------|---------|-----------------|
| 4' | P23 | 2302 | 25.6 | 90.1 |
| 8' | P47 ¹ | 4717 | 50.2 | 94.0 |

MULTIPLIER TABLES

| 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 | - |

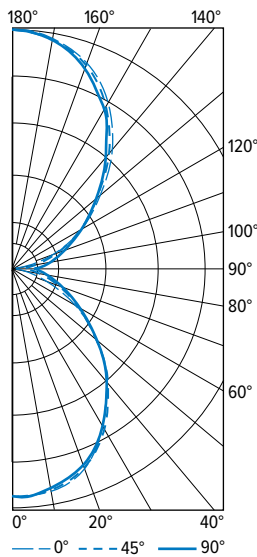


- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Standard results based on 3500K, 80CRI, actual lumens may vary +/-5%.
- Tunable white results based on 4000K, 80 CRI, actual lumens may vary +/-5%.
- Use multiplier tables to calculate additional options.
- Fixture performance is the same for up and downlight.

¹ Fixture contains two nodes, one power drop per node required.

PHOTOMETRY

AX2UD-4-P23U/P23D/835-S Total Luminaire Output: 4608 lumens; 46 Watts | Efficacy: 100 lm/W | 80 CRI; 3500K CCT



| | VERTICAL ANGLE | HORIZONTAL ANGLE | | | ZONAL LUMENS |
|--|----------------|------------------|-----|-----|--------------|
| | | 0° | 45° | 90° | |
| | 0 | 904 | 904 | 904 | |
| | 5 | 917 | 897 | 891 | 85 |
| | 15 | 876 | 867 | 858 | 244 |
| | 25 | 789 | 778 | 771 | 359 |
| | 35 | 652 | 654 | 643 | 407 |
| | 45 | 497 | 501 | 495 | 387 |
| | 55 | 341 | 361 | 357 | 320 |
| | 65 | 201 | 234 | 246 | 231 |
| | 75 | 87 | 133 | 161 | 141 |
| | 85 | 21 | 65 | 101 | 73 |
| | 90 | 4 | 45 | 84 | |
| | 95 | 30 | 79 | 123 | 85 |
| | 105 | 123 | 150 | 181 | 161 |
| | 115 | 241 | 250 | 262 | 251 |
| | 125 | 385 | 372 | 377 | 337 |
| | 135 | 534 | 515 | 501 | 400 |
| | 145 | 686 | 666 | 653 | 418 |
| | 155 | 811 | 798 | 780 | 368 |
| | 165 | 900 | 895 | 886 | 252 |
| | 175 | 942 | 945 | 936 | 89 |
| | 180 | 946 | 946 | 946 | |

| | ZONE | LUMENS | % FIXTURE |
|---------------|----------|--------|-----------|
| LUMEN SUMMARY | 0 - 30 | 688 | 15 |
| | 0 - 40 | 1095 | 24 |
| | 0 - 60 | 1802 | 39 |
| | 0 - 90 | 2246 | 49 |
| | 90 - 120 | 497 | 11 |
| | 90 - 150 | 1653 | 36 |
| | 90 - 180 | 2362 | 51 |
| | 0 - 180 | 4608 | 100 |

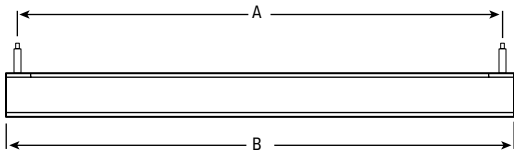


AX2UD PoE | tunable WHITE

2" Suspended Architectural Up/Down

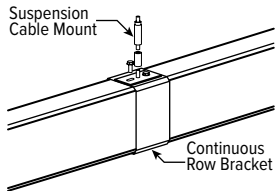
MOUNTING DETAILS

SIDE VIEW



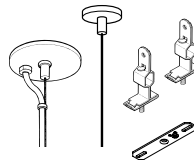
| NOMINAL LENGTH | MOUNTING LENGTH (A) | ACTUAL LENGTH (B) |
|----------------|---------------------|-------------------|
| 4' | 46-13/16" | 48-1/16" |
| 8' | 89-7/8" | 91-1/8" |

CONTINUOUS ROW FIXTURES



When row mounting fixtures, joint between fixtures will be visible at 4' or 8' intervals depending on fixture length.

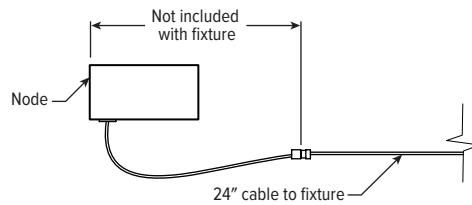
STANDARD HARDWARE (Grid & Hardpan)



- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- Electrical supply is brought into the feeder fixture, either as part of a row or as a stand-alone unit. One power drop per node required.

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



FINISH OPTIONS

SILVER SPARKLE WHITE BLACK BRONZE NICKEL 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.

