

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Support human-centric design with adaptive, individualized lighting using tunable white light
- Sleek, linear design incorporates clean lines and slim styling
- 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 (ALUM) 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. 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** –
 - cCSAus certified as luminaire suitable for dry or damp locations.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: AX2U - 4 - L30/8TW - S - AC/D48 - OPTIONS - DALI - UNV

ORDERING INFO

| SERIES | LENGTH | LUMENS ^[1] | CRI | CCT | FIXTURE TYPE |
|-----------|--------|-----------------------|---------------------|---------------------------------|---|
| AX2D Down | 2 2' | 2' | 8 80 | TW Tunable white (3000K-5000K) | F Electrical feeder unit ^[3] |
| AX2U Up | 4 4' | L15 1,500lm | 9 90 ^[2] | TW2 Tunable white (2700K-6500K) | J Joiner unit ^[4] |
| | 8 8' | 4' | | | S Stand-alone unit ^[5] |
| | | L30 3,000lm | | | |
| | | 8' | | | |
| | | L60 6,000lm | | | |

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 ^[7]

| EM/10WRM (L__) | Remote mount 10-watt emergency battery |
|----------------|---|
| | Additional lower lumen packages available. ^[8] |
| | Example: 2,500 nominal lumens = AX2U-4-L30/8TW-S-(L25) |

CONTROL ^[9]

| | |
|------|---|
| DALI | Driver prewired for DALI applications |
| DIM | Dimming driver with (1) 0-10V signal to control dimming and (1) 0-10V signal to control CCT |
| PSQ | Lutron T-Series 2-channel tunable white 1%. |

VOLTAGE

| | |
|-----|----------|
| 120 | 120V |
| 277 | 277V |
| UNV | 120-277V |

NOTES

- Lumens based on 4000 CCT. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see options.
- Extended lead times may apply. Consult factory for availability.
- 3-conductor straight white cord standard. Wire gauge to be determined by row length. Quick-connect wiring harness, two end plates, field installed.
- No cord, quick-connect wiring harness, no end plates.
- 3-conductor straight white cord standard, two end plates installed.
- See page 3 for MOUNTING DETAILS.
- See page 3 for FINISH OPTIONS.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- See page 3 for CONTROL DETAILS.



AX2 tunable WHITE 2" Suspended Architectural

FIXTURE PERFORMANCE DATA

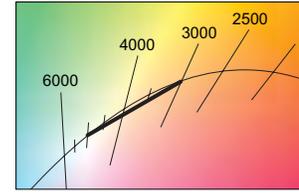
| | LED PACKAGE | DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) |
|----|-------------|------------------|---------|-----------------|
| 2' | L15 | 1560 | 18.6 | 84.1 |
| 4' | L30 | 3029 | 35.9 | 84.4 |
| 8' | L60 | 6057 | 71.8 | 84.4 |

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

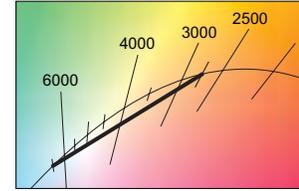
MULTIPLIER TABLE

| | | COLOR TEMPERATURE | | | |
|--------|-------|-------------------|---------|--------|---------|
| | | TW | | TW2 | |
| CCT | | LUMENS | WATTAGE | LUMENS | WATTAGE |
| 80 CRI | 2700K | - | - | 0.93 | 1.02 |
| | 3000K | 0.95 | 1.04 | 0.95 | 1.01 |
| | 3500K | 0.98 | 1.02 | 0.98 | 1.00 |
| | 4000K | 1.00 | 1.00 | 1.00 | 1.00 |
| | 5000K | 0.96 | 1.04 | 1.02 | 1.00 |
| | 6500K | - | - | 1.01 | 1.04 |
| 90 CRI | 2700K | - | - | 0.93 | 1.02 |
| | 3000K | 0.91 | 1.03 | 0.95 | 1.01 |
| | 3500K | 0.96 | 1.01 | 0.98 | 1.00 |
| | 4000K | 1.00 | 1.00 | 1.00 | 1.00 |
| | 5000K | 1.03 | 1.03 | 1.03 | 1.00 |
| | | 6500K | - | - | 1.02 |

TW

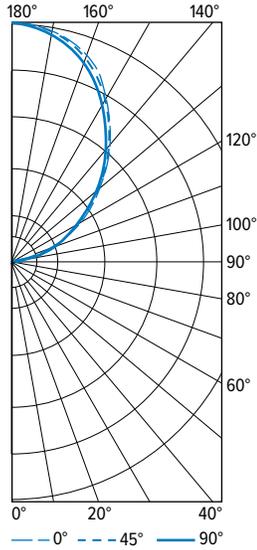


TW2



PHOTOMETRY

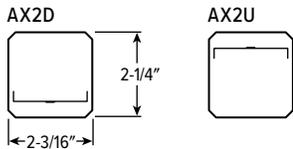
AX2U-4-L30/8TW-S Total Luminaire Output: 3029 lumens; 35.9 Watts | Efficacy: 84 lm/W | 84 CRI; 3483K CCT



| VERTICAL ANGLE | HORIZONTAL ANGLE | | | ZONAL LUMENS |
|----------------|------------------|------|------|--------------|
| | 0° | 45° | 90° | |
| 0 | 0 | 0 | 0 | |
| 5 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 |
| 35 | 0 | 0 | 0 | 0 |
| 45 | 0 | 0 | 10 | 2 |
| 55 | 0 | 7 | 18 | 7 |
| 65 | 0 | 12 | 26 | 13 |
| 75 | 0 | 19 | 37 | 20 |
| 85 | 1 | 24 | 44 | 28 |
| 90 | 8 | 34 | 59 | |
| 95 | 37 | 63 | 90 | 75 |
| 105 | 157 | 167 | 191 | 184 |
| 115 | 308 | 306 | 311 | 311 |
| 125 | 487 | 478 | 459 | 431 |
| 135 | 676 | 658 | 639 | 514 |
| 145 | 864 | 856 | 827 | 535 |
| 155 | 1047 | 1029 | 1008 | 473 |
| 165 | 1153 | 1145 | 1126 | 322 |
| 175 | 1205 | 1206 | 1200 | 114 |
| 180 | 1215 | 1215 | 1215 | |

| | ZONE | LUMENS | % FIXTURE |
|---------------|----------|--------|-----------|
| LUMEN SUMMARY | 0 - 30 | 0 | 0 |
| | 0 - 40 | 0 | 0 |
| | 0 - 60 | 10 | 0 |
| | 0 - 90 | 70 | 2 |
| | 90 - 120 | 570 | 19 |
| | 90 - 150 | 2049 | 68 |
| | 90 - 180 | 2959 | 98 |
| | 0 - 180 | 3029 | 100 |

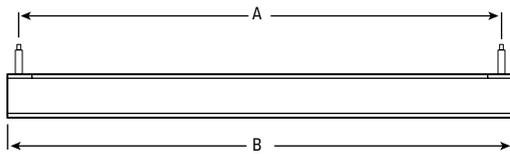
CROSS SECTIONS



AX2 tunable WHITE 2" Suspended Architectural

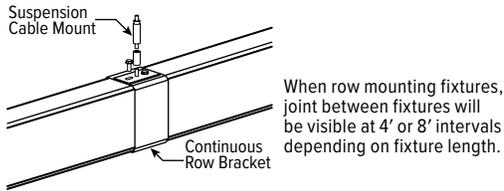
MOUNTING DETAILS

SIDE VIEW



| NOMINAL LENGTH | MOUNTING LENGTH (A) | ACTUAL LENGTH (B) |
|----------------|---------------------|-------------------|
| 2' | 24-5/8" | 25-7/8" |
| 4' | 46-13/16" | 48-1/16" |
| 8' | 89-7/8" | 91-1/8" |

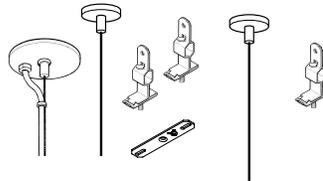
CONTINUOUS ROW FIXTURES



STANDARD HARDWARE (Grid & Hardpan)

FEEPER/STAND-ALONE

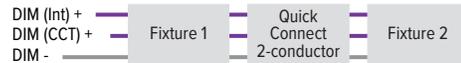
JOINER



- 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. Joiner fixtures complete the row.
- The feeder kits are standard with a 5" canopy to cover the junction box and a 2" canopy at the non-feed point. No J-box is required at non-feed points.

CONTROL DETAILS

DIM



DMX



DALI



LUTRON T-SERIES



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.

