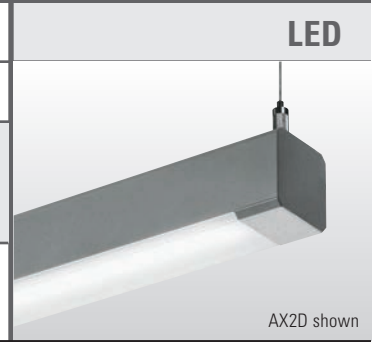


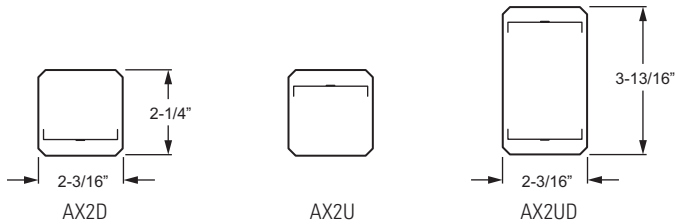
2" SUSPENDED ARCHITECTURAL

AX2

| | | | | | | | | | |
|------------------------------------------------------------------------------|--------|-------------|---------------|-----------|--------------|----------|---------|--------|---------|
| CATALOG #: | TYPE: | | | | | | | | |
| PROJECT: | NOTES: | | | | | | | | |
| EXAMPLE AX2 U - 4 - L33/835 - S - AC/D48 - OPTIONS - DIM - UNV | | | | | | | | | |
| SERIES | DIST. | NOM. LENGTH | LUMEN PACKAGE | CRI & CCT | FIXTURE TYPE | MOUNTING | OPTIONS | DRIVER | VOLTAGE |



CROSS SECTIONS



ORDERING INFORMATION

SERIES
AX2 2" Suspended Architectural

DISTRIBUTION
U Uplight
D Downlight
UD Up and Downlight

NOMINAL LENGTH
2 2' (Uplight or Downlight only)
4 4'
8 8'

LED PACKAGE
UPLIGHT OR DOWNLIGHT ONLY

| EXAMPLE: L33/835 | | | |
|------------------|----------------|-------------------------------------------------------------------|------------------------|
| LUMEN PACKAGE | NOMINAL LUMENS | MINIMUM CRI & CCT | AVERAGE SYSTEM WATTAGE |
| 2' | | | |
| L16 | 1,600 | 830 = 82 CRI, 3000K 835 = 82 CRI, 3500K 840 = 82 CRI, 4000K | 18 |
| 4' | | | |
| L33 | 3,300 | | 42 |
| 8' | | | |
| L66 | 6,600 | | 83 |

UP & DOWNLIGHT ONLY
 System wattage per compartment shown.
 Specify lumen packages: **U** for Uplight and **D** for Downlight.

| EXAMPLE: L33/835U/L33/835D | | | |
|----------------------------|----------------|-------------------------------------------------------------------|------------------------|
| LUMEN PACKAGE | NOMINAL LUMENS | MINIMUM CRI & CCT | AVERAGE SYSTEM WATTAGE |
| 4' | | | |
| L16 | 1,600 | 830 = 82 CRI, 3000K 835 = 82 CRI, 3500K 840 = 82 CRI, 4000K | 18 |
| L24 | 2,400 | | 27 |
| L33 | 3,300 | | 42 |
| 8' | | | |
| L33 | 3,300 | | 42 |
| L50 | 5,000 | | 62 |
| L66 | 6,600 | | 83 |

Additional LED lumen packages available, see options.

FIXTURE TYPE
F Electrical feeder unit, 3-conductor straight white cord standard (wire gauge to be determined by row length), quick-connect wiring harness, two end plates, field installed.
J Joiner unit, no cord, quick-connect wiring harness, no end plates
S Stand-alone unit, 3-conductor straight white cord standard, two end plates installed

MOUNTING
 See page 3 for details.

| EXAMPLE: AC/D48 | | |
|-----------------|-----------------------|----------|
| MOUNTING | TYPE | LENGTH |
| AC/ = Aircraft | D = 1" grid & hardpan | 24 = 24" |
| | N = 9/16" grid | 48 = 48" |
| | S = Slot grid | 96 = 96" |

OPTIONS
 EM drivers not available.
 For color options, visit the AX2 online at hew.com.

C2_ Two-circuit quick-connect wiring harness. See [Technical Info](#) for complete quick-connect offering.
(L__) Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
Example: 2,500 nominal lumens = AX2U-4-L33/835-S-(L25)

DRIVER
UPLIGHT OR DOWNLIGHT ONLY
DRV Driver prewired for non-dimming applications
DIM 10% dimming driver prewired for 0-10V low voltage applications

UP & DOWNLIGHT ONLY
DRV Driver prewired for non-dimming applications (applies to entire fixture in UD application)
DIM 10% dimming driver prewired for 0-10V low voltage applications (applies to entire fixture in UD application)

For separate switching of up and down distributions, specify drivers: **U** for Uplight and **D** for Downlight (DIMU/DIMD not available). EXAMPLE: **DRVU/DRVD**

VOLTAGE
120 120V
277 277V
UNV 120-277V

FEATURES

- ▶ Available in six finish colors; matte, smooth aluminum standard.
- ▶ 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
- ▶ Frosted acrylic lens
- ▶ LED technology provides high efficacy and energy efficiency
- ▶ Rated for 60,000 hours at 70% lumen maintenance (L70)
- ▶ Minimum 82 CRI; 3000K, 3500K, or 4000K CCT
- ▶ This fixture is proudly made in the USA

LED

PHOTOMETRY

SPECIFICATIONS

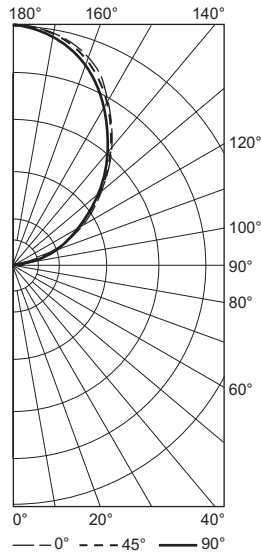
Housing – Extruded aluminum.
Shielding – Frosted acrylic lens.
Finish – Matte, smooth silver sparkle standard. All other colors default to textured finish. Polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
Electrical – High quality mid-power LED boards. L70 at 60,000 hours per IES TM-21.
Mounting – Suspended. 1/16" diameter adjustable steel leveling aircraft cable and mounting hardware necessary for grid ceiling applications provided.
Labels – 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 www.hew.com/warranty.

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

| TOTAL SYSTEM WATTAGE | | |
|----------------------|------|-------------|
| LUMEN PACKAGE | | TOTAL WATTS |
| UP | DOWN | |
| L16 | L16 | 32 |
| L24 | L24 | 48 |
| L33 | L33 | 84 |
| L50 | L50 | 124 |
| L66 | L66 | 166 |

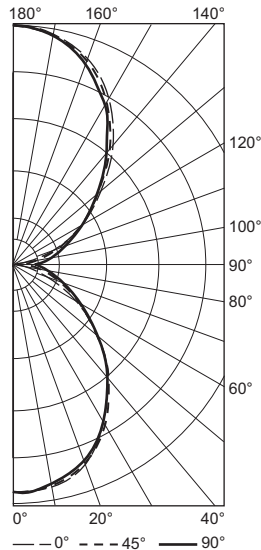
AX2U-4-L33/835-S-DIM-UNV Report #: 18753.0; 03/11/15 | Total Luminaire Output: 3248 lumens; 41.6 Watts
 Efficacy: 78.2 lm/W | 84 CRI; 3483K CCT | IES Spacing Criteria: End: 1.2, Across: 1.2, Diagonal: 1.2



| CANDLEPOWER DISTRIBUTION | Vertical Angle | Horizontal Angle | | | Zonal Lumens |
|--------------------------|----------------|------------------|------|-------|--------------|
| | | 0° | 45° | 90° | |
| | 0 | 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 | 11 | 2.2 | |
| 55 | 0 | 8 | 19 | 7.9 | |
| 65 | 0 | 13 | 28 | 12.6 | |
| 75 | 0 | 20 | 40 | 21.0 | |
| 85 | 1 | 26 | 47 | 27.4 | |
| 90 | 9 | 37 | 63 | | |
| 95 | 40 | 68 | 97 | 75.0 | |
| 105 | 168 | 179 | 205 | 195.4 | |
| 115 | 331 | 328 | 334 | 332.1 | |
| 125 | 523 | 513 | 492 | 463.4 | |
| 135 | 725 | 706 | 686 | 552.6 | |
| 145 | 927 | 918 | 887 | 576.0 | |
| 155 | 1123 | 1104 | 1082 | 511.4 | |
| 165 | 1237 | 1229 | 1208 | 347.9 | |
| 175 | 1293 | 1294 | 1288 | 123.5 | |
| 180 | 1304 | 1304 | 1304 | | |

| LUMEN SUMMARY | Zone | Lumens | % Fixture |
|---------------|----------|--------|-----------|
| | 0 - 30 | 0 | 0 |
| | 0 - 40 | 0 | 0 |
| | 0 - 60 | 10 | 0.3 |
| | 0 - 90 | 71 | 2.2 |
| | 90 - 120 | 603 | 18.5 |
| | 90 - 150 | 2194 | 67.6 |
| | 90 - 180 | 3177 | 97.8 |
| | 0 - 180 | 3248 | 100.0 |

AX2UD-4-L33/835U/L33/835D-S-DIMU/DIMD-UNV Report #: 18754.0; 03/11/15 | Total Luminaire Output: 6618 lumens; 82.9 Watts
 Efficacy: 79.9 lm/W | 84 CRI; 3478K CCT | IES Spacing Criteria: End: 1.2, Across: 1.2, Diagonal: 1.2



| CANDLEPOWER DISTRIBUTION | Vertical Angle | Horizontal Angle | | | Zonal Lumens |
|--------------------------|----------------|------------------|------|-------|--------------|
| | | 0° | 45° | 90° | |
| | 0 | 1297 | 1297 | 1297 | |
| 5 | 1315 | 1286 | 1277 | 123.2 | |
| 15 | 1256 | 1243 | 1231 | 351.4 | |
| 25 | 1131 | 1115 | 1106 | 518.0 | |
| 35 | 935 | 938 | 922 | 587.1 | |
| 45 | 712 | 719 | 710 | 556.0 | |
| 55 | 489 | 517 | 512 | 459.6 | |
| 65 | 288 | 336 | 353 | 328.5 | |
| 75 | 125 | 191 | 231 | 199.3 | |
| 85 | 30 | 93 | 145 | 101.1 | |
| 90 | 6 | 64 | 120 | | |
| 95 | 43 | 113 | 177 | 121.9 | |
| 105 | 177 | 215 | 260 | 229.1 | |
| 115 | 346 | 359 | 375 | 357.6 | |
| 125 | 552 | 534 | 541 | 483.9 | |
| 135 | 766 | 739 | 719 | 577.1 | |
| 145 | 984 | 955 | 937 | 600.9 | |
| 155 | 1163 | 1144 | 1119 | 530.8 | |
| 165 | 1290 | 1283 | 1270 | 363.9 | |
| 175 | 1351 | 1355 | 1342 | 129.1 | |
| 180 | 1357 | 1357 | 1357 | | |

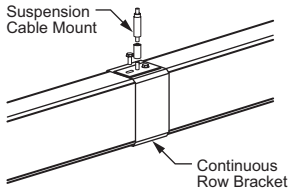
| LUMEN SUMMARY | Zone | Lumens | % Fixture |
|---------------|----------|--------|-----------|
| | 0 - 30 | 993 | 15 |
| | 0 - 40 | 1580 | 23.9 |
| | 0 - 60 | 2595 | 39.2 |
| | 0 - 90 | 3224 | 48.7 |
| | 90 - 120 | 709 | 10.7 |
| | 90 - 150 | 2370 | 35.8 |
| | 90 - 180 | 3394 | 51.3 |
| | 0 - 180 | 6618 | 100.0 |

FIXTURE 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" |

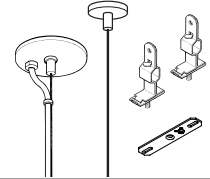
CONTINUOUS ROW FIXTURES

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

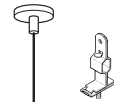


STANDARD HARDWARE (Grid and Hardpan)

FEEDER



JOINER



Notes:

- 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.

