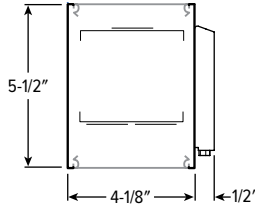
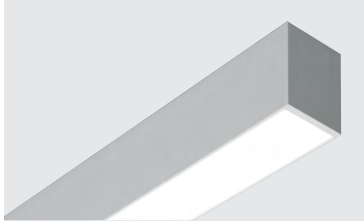


# MX4WUD PoE | tunable WHITE

## 4" Continuous Up/Down – Wall



CATALOG #: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

### FEATURES



- Deliver scalable, data-driven smart buildings with PoE-enabled fixtures and controls
- Support human-centric design with adaptive, individualized lighting using tunable white light
- Create elegant spaces with a seamless, continuous row of illumination
- Flat and proud lenses give designers a variety of looks
- Fixture attaches to wall bracket for simple installation
- Linear extrusion contains snap-in light rails for ease of installation and maintenance
- Versatile MX4 system includes recessed, surface, suspended and in-wall mounting, see [hew.com](http://hew.com)
- Diffuse acrylic lens provides uniform illumination for visual comfort
- Made Right Here® in the USA

### SPECIFICATIONS

- HOUSING** – Extruded aluminum with die-cast end plates.
- SHIELDING** – Extruded, flat, diffuse acrylic lens.
- FINISH** – Textured matte white polyester TGIC 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** – Wall mount. Powder coated, die-formed C.R.S. receiving bracket mounted to fixture which attaches to galvanized, wall mounted bracket.
- LISTINGS** –
  - cCSAus certified as luminaire suitable for dry or damp locations.
  - Complies with the Buy American Act and other federal regulations. Request certification at [hew.com/baa](http://hew.com/baa).
- WARRANTY** – 5-year limited warranty, see [hew.com/warranty](http://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](http://hew.com/poe)

### ORDERING EXAMPLE: MX4WUD - 12'00 - P7/835U/P7/835D - A/F - OPTIONS - POE PR

| SERIES        | ILLUMINATED LENGTH   | LUMEN PACKAGE (EXAMPLE: P7/835U/P7/835D)                  |                            |   |                    |
|---------------|--|---|----------------------------|---|--------------------|
| <b>MX4WUD</b> | Lengths specified in feet and inches using 4" increments, 2' minimum.<br>Example: 12'00 = 12'-0"   | Specify lumen packages: U for Uplight and D for Downlight |                            |   |                    |
|               | <b>PRODUCT BUILDER</b><br>Simplify ordering & layout design with the Williams Linear Product Builder at <a href="http://hew.com/product-builder">hew.com/product-builder</a> | <b>LUMENS</b> <sup>[1]</sup>                              | <b>CRI</b>                 | <b>CCT</b>                                    | <b>U or D</b>      |
|               |  | <b>P7 700lm</b>   | <b>8 80</b>                | <b>27 2700K</b>                               | <b>U Uplight</b>   |
|               |  |   | <b>9 90</b> <sup>[2]</sup> | <b>30 3000K</b>                               | <b>D Downlight</b> |
|               |  |   |                            | <b>35 3500K</b>                               |                    |
|               |  |   |                            | <b>40 4000K</b>                               |                    |
|               |  |   |                            | <b>50 5000K</b>                               |                    |
|               |  |   |                            | <b>TW Tunable white (80 CRI, 3000K–5000K)</b> |                    |

| SHIELDING UP                                  | SHIELDING DOWN   | OPTIONS <sup>[3]</sup>  | CONTROL <sup>[4]</sup>                  |
|---|--|---|---|
| <b>A</b> Flat, semi-diffuse acrylic           | <b>F</b> Flat, diffuse acrylic                                 | <b>ASD</b> Downlight asymmetric distribution <sup>[7]</sup>           | <b>POE PR</b> Power over Ethernet-ready |
| <b>F</b> Flat, diffuse acrylic <sup>[5]</sup> | <b>P</b> Proud, diffuse acrylic with 5/16" drop <sup>[6]</sup> | <b>ASU</b> Uplight asymmetric distribution <sup>[8]</sup>             |   |
|   |  | <b>ASYUD</b> Up and down light asymmetric distribution <sup>[9]</sup> |   |

### NOTES

- Nominal lumens per foot output based on F shielding and 3500K for single CCT and 4000K for TW. Actual performance may vary ±5%. See page 2 for FIXTURE PERFORMANCE DATA.
- Extended lead times may apply. Consult factory for availability. Not available with Tunable White.
- See page 3 for FINISH OPTIONS.
- For additional PoE connection details, consult factory.
- Recommended for use in applications where the fixture will be viewed from above. Decreases lumen output.
- See page 3 for SHIELDING DETAILS.
- Available with A and F shielding only. Creates uneven lens illumination. See page 3 for CROSS SECTIONS.
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# MX4WUD PoE | tunable WHITE

## 4" Continuous Up/Down – Wall

### FIXTURE PERFORMANCE DATA

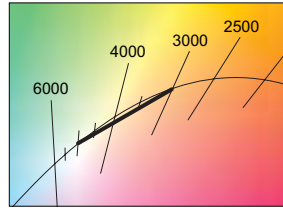
#### STANDARD (PER FOOT)

| DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) |
|------------------|---------|-----------------|
| 1435             | 12      | 123             |

- 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 performance may vary ±5%.
- Tunable white results based on 4000K standard, 80 CRI, actual performance may vary ±5%.
- Use multiplier tables to calculate additional options.

#### TUNABLE WHITE (PER FOOT)

| DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) |
|------------------|---------|-----------------|
| 1427             | 11      | 130             |

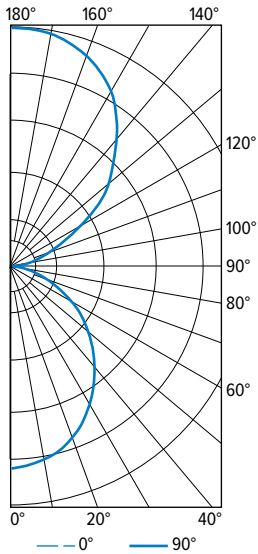


#### MULTIPLIER TABLES

|        | COLOR TEMPERATURE |          |               | ASY OPTION |                 |
|--------|-------------------|----------|---------------|------------|-----------------|
|        | LUMENS            |          |               | WATTAGE    | EFFICACY (lm/W) |
|        | CCT               | STANDARD | TUNABLE WHITE | 1.02       | 0.98            |
| 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             | 0.82     | -             |            |                 |
|        | 3000K             | 0.83     | -             |            |                 |
|        | 3500K             | 0.84     | -             |            |                 |
|        | 4000K             | 0.86     | -             |            |                 |
|        | 5000K             | 0.90     | -             |            |                 |

### PHOTOMETRY

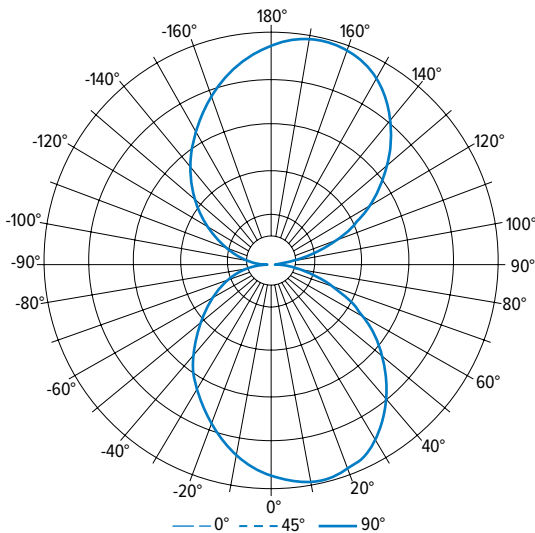
**MX4WUD-4'00-P7/835U/P7/835D-A/F** Total Luminaire Output: 5740 lumens; 46.8 Watts | Efficacy: 123 lm/W | 80 CRI; 3500K CCT



| VERTICAL ANGLE | HORIZONTAL ANGLE |      |      |      |      | ZONAL LUMENS |
|----------------|------------------|------|------|------|------|--------------|
|                | 0°               | 45°  | 90°  | 135° | 180° |              |
| 0              | 985              | 985  | 985  | 985  | 985  |              |
| 5              | 1002             | 992  | 968  | 966  | 976  | 93           |
| 15             | 957              | 949  | 930  | 916  | 921  | 263          |
| 25             | 875              | 868  | 839  | 830  | 830  | 390          |
| 35             | 750              | 745  | 722  | 707  | 700  | 453          |
| 45             | 604              | 602  | 582  | 568  | 540  | 448          |
| 55             | 455              | 444  | 424  | 417  | 412  | 383          |
| 65             | 288              | 281  | 271  | 266  | 266  | 271          |
| 75             | 137              | 130  | 124  | 127  | 120  | 137          |
| 85             | 24               | 21   | 15   | 19   | 21   | 30           |
| 90             | 5                | 5    | 10   | 5    | 5    |              |
| 95             | 50               | 58   | 60   | 53   | 48   | 61           |
| 105            | 172              | 185  | 187  | 168  | 148  | 189          |
| 115            | 341              | 364  | 381  | 336  | 307  | 350          |
| 125            | 558              | 576  | 594  | 544  | 508  | 506          |
| 135            | 799              | 808  | 810  | 772  | 734  | 607          |
| 145            | 980              | 983  | 990  | 945  | 925  | 606          |
| 155            | 1110             | 1113 | 1119 | 1082 | 1062 | 507          |
| 165            | 1177             | 1180 | 1192 | 1160 | 1146 | 331          |
| 175            | 1191             | 1196 | 1218 | 1185 | 1168 | 114          |
| 180            | 1192             | 1192 | 1192 | 1192 | 1192 |              |

| LUMEN SUMMARY | ZONE   | LUMENS | % FIXTURE |
|---------------|--------|--------|-----------|
|               | 0 - 30 | 746    | 13        |
| 0 - 40        | 1198   | 21     |           |
| 0 - 60        | 2029   | 35     |           |
| 0 - 90        | 2468   | 43     |           |
| 90 - 120      | 601    | 11     |           |
| 90 - 130      | 1107   | 19     |           |
| 90 - 150      | 2320   | 40     |           |
| 90 - 180      | 3272   | 57     |           |
| 0 - 180       | 5740   | 100    |           |

**MX4WUD-4'00-P7/835U/P7/835D-ASYUD** Total Luminaire Output: 5740 lumens; 48 Watts | Efficacy: 120 lm/W | 80 CRI; 3500K CCT



| VERTICAL ANGLE | HORIZONTAL ANGLE |      |      |      |      | ZONAL LUMENS |
|----------------|------------------|------|------|------|------|--------------|
|                | 0°               | 45°  | 90°  | 135° | 180° |              |
| 0              | 1018             | 1018 | 1018 | 1018 | 1018 |              |
| 5              | 1014             | 1037 | 1049 | 1037 | 1014 | 96           |
| 15             | 972              | 1046 | 1078 | 1046 | 972  | 274          |
| 25             | 893              | 1002 | 1048 | 1002 | 893  | 413          |
| 35             | 778              | 904  | 956  | 904  | 778  | 491          |
| 45             | 641              | 767  | 814  | 767  | 641  | 500          |
| 55             | 495              | 604  | 644  | 604  | 495  | 448          |
| 65             | 339              | 425  | 456  | 425  | 339  | 342          |
| 75             | 180              | 243  | 265  | 243  | 180  | 200          |
| 85             | 44               | 76   | 88   | 76   | 44   | 60           |
| 90             | 4                | 23   | 34   | 23   | 4    |              |
| 95             | 45               | 78   | 91   | 78   | 45   | 62           |
| 105            | 185              | 251  | 274  | 251  | 185  | 207          |
| 115            | 350              | 439  | 471  | 439  | 350  | 353          |
| 125            | 511              | 624  | 665  | 624  | 511  | 462          |
| 135            | 662              | 792  | 840  | 792  | 662  | 516          |
| 145            | 803              | 933  | 987  | 933  | 803  | 507          |
| 155            | 922              | 1035 | 1082 | 1035 | 922  | 426          |
| 165            | 1004             | 1080 | 1113 | 1080 | 1004 | 283          |
| 175            | 1047             | 1071 | 1083 | 1071 | 1047 | 99           |
| 180            | 1050             | 1050 | 1050 | 1050 | 1050 |              |

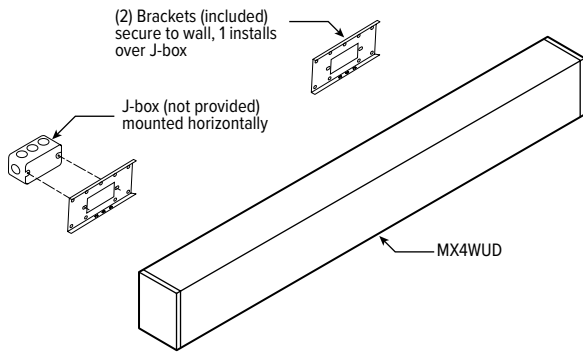
| LUMEN SUMMARY | ZONE   | LUMENS | % FIXTURE |
|---------------|--------|--------|-----------|
|               | 0 - 30 | 784    | 14        |
| 0 - 40        | 1274   | 22     |           |
| 0 - 60        | 2222   | 39     |           |
| 0 - 90        | 2824   | 49     |           |
| 90 - 120      | 622    | 11     |           |
| 90 - 130      | 1084   | 19     |           |
| 90 - 150      | 2107   | 37     |           |
| 90 - 180      | 2916   | 51     |           |
| 0 - 180       | 5740   | 100    |           |



# MX4WUD PoE | tunable WHITE

## 4" Continuous Up/Down – Wall

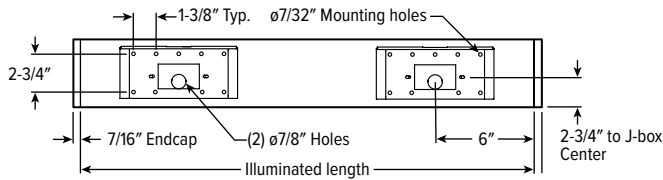
### MOUNTING DETAILS



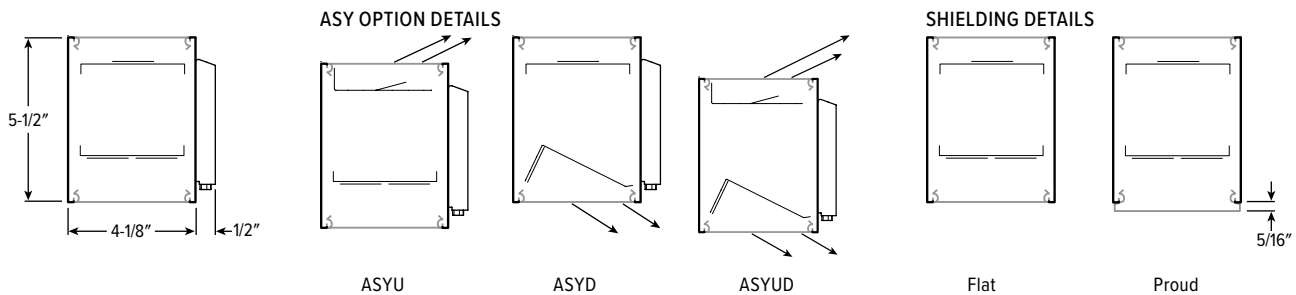
### FIXTURE DETAILS

#### BACK VIEW

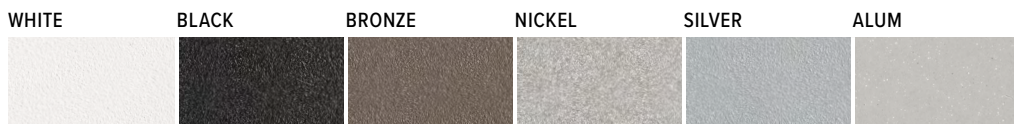
Standalone and feeder fixtures receive two mounting brackets. Joiner fixtures connect to feeder fixtures and receive one mounting bracket.



### CROSS SECTIONS



### 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.

