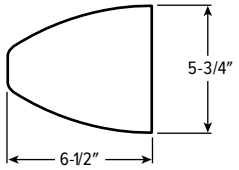
# WMAUD tunable WHITE Architectural Wall Mount




CATALOG #:

TYPE:

PROJECT:

## FEATURES

- Support human-centric design with adaptive, individualized lighting using tunable white light
- Fully accessible without the use of tools
- Pull switch and grounded convenience outlet options available
- Low-voltage controller and pull cord options provide patients with bedside lighting control
- Contoured architectural housing with die-cast aluminum end caps
- Keyhole mounting for easy installation
- Supplied with both Philips and tamper-resistant tri-groove screws for additional security
- Anti-microbial finish option suppresses the spread of dangerous micro-organisms, mold, and bacterial growth
- Wireless in-fixture control solutions available
- Made Right Here® in the USA

## SPECIFICATIONS

- HOUSING – 20-gauge C.R.S. fixture channel. Front housing constructed of marine grade extruded aluminum with die-cast aluminum end caps.
- REFLECTIVE SURFACES – 92% minimum average reflective white polyester powder coat on interior steel components.
- SHIELDING – Frosted acrylic, .125″ thick.
- 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 > 50,000 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. 50/60 Hz constant current driver.
- MOUNTING – Wall.
- 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.
  - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at hew.com/buy-american
- WARRANTY – 5-year limited warranty, see hew.com/warranty

## ORDERING EXAMPLE: WMAUD - 4 - L32U/L32D/8TW - AF - OPTIONS - CONTROL/DALI - UNV

## ORDERING INFO

**SERIES**
**WMAUD**

**LENGTH**
**2** 2′
**3** 3′
**4** 4′

**LUMEN PACKAGE (EXAMPLE: L32U/L32D/8TW)**
Specify lumen packages: **U** for Uplight and **D** for Downlight

**LUMENS** [1]
2′
**L20** 2,000lm
3′
**L23** 2,300lm
4′
**L32** 3,200lm

**U OR D**
**U** Uplight
**D** Downlight

**CRI**
**8** 80
**9** 90

**CCT**
**TW** Tunable white (3000K–5000K)
**TW2** Tunable white (2700K-6500K)

**SHIELDING**
**AF** Frosted acrylic, .125″ thick

### OPTIONS [2]

*See page 3 for LOW-VOLTAGE CONTROLLER OPTIONS.*
*See page 3 for FINISH OPTIONS.*

| | |
|---|---|
| **EM/10W** | 10-watt emergency battery [3] |
| **EM/10WRM** | Remote mount 10-watt emergency battery |
| **EM/10WRM/RTS** | Remote mount 10-watt emergency battery with regressed test switch |
| **PSBR/120** | Single-circuit bottom-mounted pull switch on right [4] |
| **PSBL/120** | Single-circuit bottom-mounted pull switch on left [5] |
| **PS2BR/120** | Two-circuit, 4-position bottom-mounted pull switch on right [6] |
| **PS2BL/120** | Two-circuit, 4-position bottom-mounted pull switch on left [7] |
| **APCW** | Anti-microbial white pull cord [8] |
| **GCOL** | Grounded convenience outlet on left [9] |
| **GCOR** | Grounded convenience outlet on right [10] |
| **AMW** | Anti-microbial white finish |

### CONTROL

*See page 4 for ADDITIONAL CONTROL OPTIONS.*

| | |
|---|---|
| – | None |
| **AWNR** | Lutron Athena wireless node integral fixture control, RF only [11] |

### DRIVER

*See page 4 for DRIVER DETAILS.*

**DALI** Driver prewired for DALI applications
**DIM** (1) 0-10V signal to control dimming (1) 0-10V signal to control CCT
**DMX** Driver prewired for DMX applications
**DSR** Sensor-ready driver without external dimming wires (D4i DALI-2). [12]
**LD2** Lutron DALI-2 digital driver, 1%

### VOLTAGE

**120** 120V
**277** 277V
**UNV** 120-277V

## ACCESSORIES

**TPTG TOOL** Tamper-resistant tool for tri-groove screws. [13]

### NOTES

1. Lumen output based on 80 CRI/4000K CCT. Actual performance may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA..
2. Remote EM batteries: max remote distance 50′. Large remote box provided. Specify CEC in the option code when California Energy Commission regulations are required. See page 3 for REMOTE MOUNT BATTERY DETAILS.
3. 4′ only.
4. Operates downlight, 120V only.
5. Operates downlight, 120V only.
6. 120V only.
7. 120V only.
8. Packaged with fixture, field installed. Requires PSB_ or PS2B_ option.
9. 120V only.
10. 120V only.
11. DSR and LD2 Drivers only.
12. Lutron Athena Controls only.
13. Tamper-resistant tool must be ordered separately for use with tamper-resistant screws. Please specify quantity required per project. See page 2 for FIXTURE DETAILS.

# WMAUD tunable WHITE Architectural Wall Mount

## FIXTURE PERFORMANCE DATA

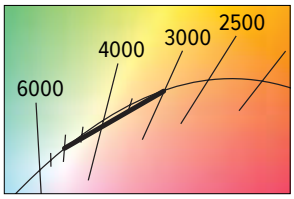
| | LED PACKAGE | DELIVERED LUMENS | | | TOTAL WATTAGE | EFFICACY (lm/W) |
|---|---|---|---|---|---|---|
| | | UP | DOWN | TOTAL | | |
| 2′ | L20U/L20D | 2011 | 2011 | 4022 | 34.7 | 116 |
| 3′ | L23U/L23D | 2361 | 2361 | 4722 | 38.5 | 123 |
| 4′ | L32U/L32D | 3256 | 3256 | 6512 | 54.7 | 119 |

- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI/4000K CCT, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%
- Use multiplier table to calculate additional options.

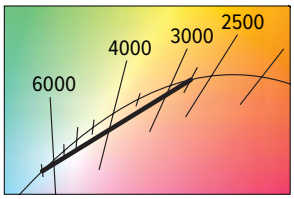
### MULTIPLIER TABLE

| | CCT | COLOR TEMPERATURE | | | |
|---|---|---|---|---|---|
| | | TW | | TW2 | |
| | | 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 | – | – | 0.81 | 1.02 |
| | 3000K | 0.83 | 1.04 | 0.83 | 1.01 |
| | 3500K | 0.86 | 1.02 | 0.86 | 1.00 |
| | 4000K | 0.88 | 1.00 | 0.88 | 1.00 |
| | 5000K | 0.84 | 1.04 | 0.89 | 1.00 |
| | 6500K | – | – | 0.88 | 1.04 |

TW

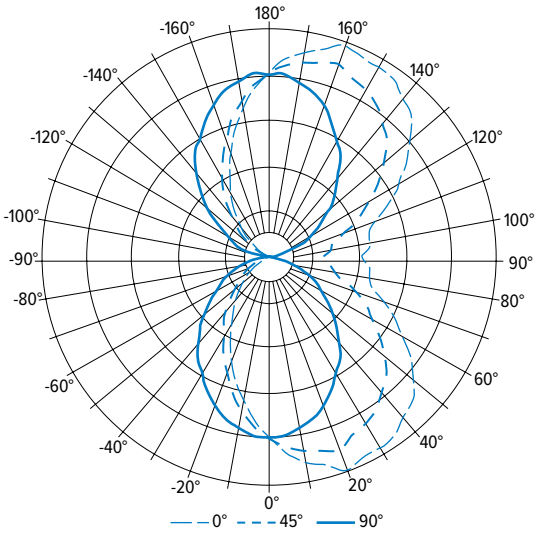



TW2




## PHOTOMETRY

**WMAUD-4-L32U/L32D/8TW-AF** Total Luminaire Output: 6512 lumens; 54.7 Watts | Efficacy: 119.0 lm/W | 80 CRI; 4000K CCT



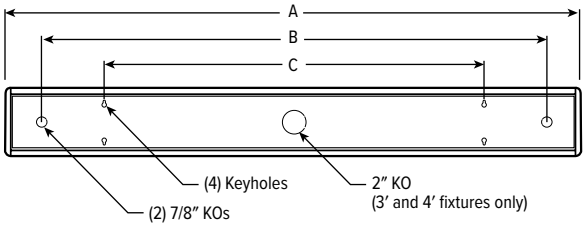

| CANDLEPOWER DISTRIBUTION | VERTICAL ANGLE | HORIZONTAL ANGLE | | | | | ZONAL LUMENS |
|---|---|---|---|---|---|---|---|
| | | 0° | 45° | 90° | 135° | 180° | |
| | 0 | 1166 | 1166 | 1166 | 1166 | 1166 | |
| | 5 | 1273 | 1233 | 1159 | 1105 | 1070 | 110 |
| | 15 | 1384 | 1289 | 1083 | 913 | 838 | 310 |
| | 25 | 1427 | 1273 | 952 | 697 | 598 | 454 |
| | 35 | 1410 | 1210 | 806 | 510 | 405 | 532 |
| | 45 | 1313 | 1077 | 619 | 320 | 228 | 535 |
| | 55 | 1105 | 869 | 443 | 176 | 101 | 470 |
| | 65 | 890 | 675 | 290 | 67 | 18 | 368 |
| | 75 | 681 | 452 | 145 | 5 | 9 | 260 |
| | 85 | 656 | 394 | 33 | 17 | 33 | 214 |
| | 90 | 598 | 361 | 0 | 31 | 46 | |
| | 95 | 652 | 397 | 35 | 24 | 39 | 216 |
| | 105 | 677 | 458 | 147 | 5 | 9 | 261 |
| | 115 | 884 | 679 | 291 | 64 | 16 | 367 |
| | 125 | 1096 | 875 | 451 | 179 | 101 | 470 |
| | 135 | 1296 | 1077 | 625 | 320 | 228 | 535 |
| | 145 | 1398 | 1210 | 820 | 513 | 408 | 533 |
| | 155 | 1416 | 1271 | 964 | 700 | 601 | 455 |
| | 165 | 1380 | 1290 | 1099 | 915 | 842 | 311 |
| | 175 | 1271 | 1235 | 1179 | 1111 | 1077 | 111 |
| | 180 | 1169 | 1169 | 1169 | 1169 | 1169 | |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---|---|---|---|
| | 0 - 30 | 875 | 13 |
| | 0 - 40 | 1407 | 22 |
| | 0 - 60 | 2412 | 37 |
| | 0 - 90 | 3254 | 50 |
| | 90 - 120 | 844 | 13 |
| | 90 - 150 | 2382 | 37 |
| | 90 - 180 | 3259 | 50 |
| | 0 - 180 | 6512 | 100 |

## FIXTURE DETAILS

See hew.com/power-entry for power entry details.

BACKVIEW

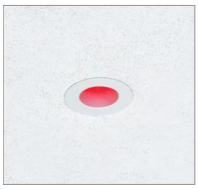



| | DIMENSIONS | | |
|---|---|---|---|
| | A | B | C |
| 2′ | 25-1/8″ O.C. | 20-1/2″ O.C. | 16″ O.C. |
| 3′ | 37-1/8″ O.C. | 32-1/2″ O.C. | 32″ O.C. |
| 4′ | 49-1/8″ O.C. | 42-1/2″ O.C. | 32″ O.C. |

# WMAUD tunable WHITE Architectural Wall Mount

## REMOTE MOUNT BATTERY DETAILS

**EM/10WRM/RTS**

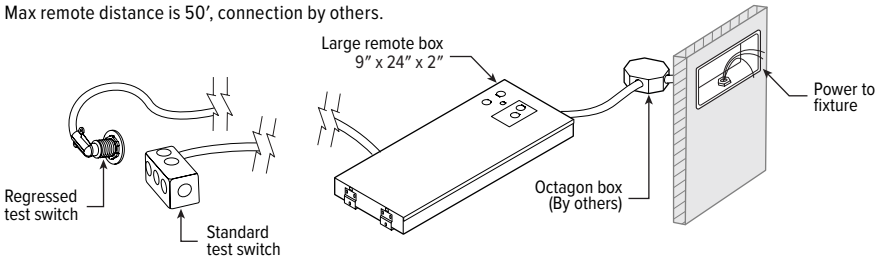


Regressed test switch
ø1-3/4″

**EM/10WRM**

Standard test switch
2-3/4″ x 4-1/2″

Max remote distance is 50′, connection by others.




## LOW-VOLTAGE CONTROLLER OPTIONS

120V-277V only. Color tuning performed by alternate 0-10V control source.
LVC wall plate accessories available, see hew.com/LVCWP for details.

| EXAMPLE: LVC2U/D | | |
|---|---|---|
| CONTROLLER | FUNCTION | |
| | LOAD 1 | LOAD 2 |
| **LVC1** 1-circuit | **U** Up<br>**D** Down | |
| **LVC2** 2-circuit | **U/** Up | **D** Down |
| **LVC3** Dimming control | **DIMU** 0-10V dimming for Uplight | **/D** Down<br>**/DIMD** 0-10V dimming for Downlight |
| | **DIMD** 0-10V dimming for Downlight | **/U** Up<br>**/DIMU** 0-10V dimming for Uplight |
| | **SEQUD** Up and down sequentially switched | |

## FINISH OPTIONS

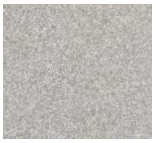
WHITE



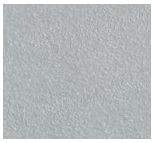
BLACK

BRONZE

NICKEL



SILVER



ALUM

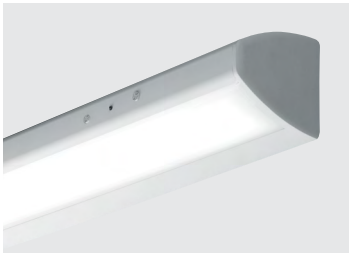
RAL#____

For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require four sample swatches, minimum 1″ square.

SEE NEXT PAGE FOR CONTROL DETAILS

# WMAUD tunable WHITE Architectural Wall Mount

## SENSOR PLACEMENT DETAILS



## ADDITIONAL CONTROL OPTIONS

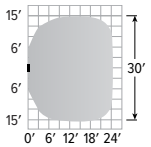
LVC and sensor option cannot be used simultaneously on 2′ and 3′ units.

OCCWS-FS-505-PP-___ Wattstopper low voltage ultrasonic motion sensor with power pack. Must specify voltage: 120, 277, or 347V.

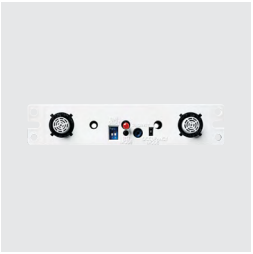
| SPECIFICATIONS | |
|---|---|
| **TYPE** | Ultrasonic Motion |
| **MOUNTING HEIGHT** | 8′ – 10′ |
| **DETECTION ANGLE** | 360° |
| **TEMPERATURE RANGE** | 0° to 55°C |
| **RELATIVE HUMIDITY** | 5 to 95%, non-condensing |

### SENSOR COVERAGE PATTERN

8′ height: ø27′ coverage
20° from vertical




### SENSOR DETAIL



## DRIVER DETAILS

**DIM**

**DALI**

**DMX**

**LD2**