

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

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

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

## FEATURES

- Create scalable, highly functioning smart buildings with Platformatics Power over Ethernet controls
- Support human-centric design with adaptive, individualized lighting using tunable white light
- Fully accessible without the use of tools
- Optional anti-microbial white finish and pull cord available for use in healthcare applications
- 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
- 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 boards. L70 >50,000 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.
- LISTINGS – cCSAus certified as luminaire suitable for dry or damp locations.
- 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)
- Consult factory for design support



## ORDERING EXAMPLE: WMAUD - 4 - P25U/P25D/835 - AF - OPTIONS - POE PR

### ORDERING INFO

SERIES	LENGTH	LUMEN PACKAGE (EXAMPLE: P25U/P25D/835)	SHIELDING
WMAUD	2 2'	Specify lumen packages: U for Uplight and D for Downlight	AF Frosted acrylic, .125" thick
	3 3'	<b>LUMENS</b> <sup>[1]</sup>	
	4 4'	<b>U OR D</b>	
		<b>CRI</b>	
		<b>CCT</b>	
		<b>P16</b> 1,600lm	<b>U</b> Uplight <b>8</b> 80 <b>27</b> 2700K
		<b>3'</b>	<b>D</b> Downlight <b>9</b> 90 <sup>[2]</sup> <b>30</b> 3000K
		<b>P25</b> 2,500lm	<b>35</b> 3500K
		<b>4'</b>	<b>40</b> 4000K
		<b>P25</b> 2,500lm	<b>50</b> 5000K
			<b>TW</b> Tunable white (3000K–5000K)
			<b>TW2</b> Tunable white (2700K-6500K)

### OPTIONS <sup>[3]</sup>

- BC** Fixture prewired for bedside controls <sup>[5]</sup>
- PSBR** Bottom-mounted pull switch on right <sup>[6]</sup>
- PSBL** Bottom-mounted pull switch on left <sup>[7]</sup>
- APCW** Anti-microbial white pull cord <sup>[8]</sup>
- AMW** Anti-microbial white finish

### CONTROL <sup>[4]</sup>

- POE PR** Power over Ethernet, Platformatics-ready

### ACCESSORIES

- TPTG TOOL** Tamper-resistant tool for tri-groove screws. <sup>[9]</sup>

### NOTES

- <sup>1</sup> Lumen output based on 80 CRI, 3500K for single CCT and 4000K for TW. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- <sup>2</sup> Extended lead times may apply. Consult factory for availability.
- <sup>3</sup> See page 3 for FINISH OPTIONS.
- <sup>4</sup> See page 3 for NODE CONNECTION DETAILS. For additional PoE info, see [hew.com/poe](http://hew.com/poe).
- <sup>5</sup> Button functionality determined with gateway software.
- <sup>6</sup> Up or down functionality determined with gateway software.
- <sup>7</sup> Up or down functionality determined with gateway software.
- <sup>8</sup> Packaged with fixture, field installed. Requires PSBL or PSBR option.
- <sup>9</sup> Tamper-resistant tool must be ordered separately for use with tamper-resistant screws. Please specify quantity required per project.



# WMAUD PoE | tunable WHITE Architectural Wall Mount Up/Down

## FIXTURE PERFORMANCE DATA

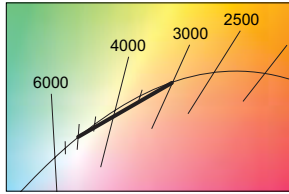
LED PACKAGE	STANDARD			TUNABLE WHITE		
	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2' P16U/P16D	1624	16.0	101.5	1617	17.3	93.6
3' P25U/P25D	2537	25.0	101.5	2508	25.4	98.6
4' P25U/P25D	2503	24.0	104.3	2534	24.6	102.9

- 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 lumens may vary +/-5%
- Tunable white results based on 4000K standard, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

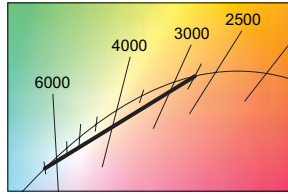
## MULTIPLIER TABLE

	COLOR TEMPERATURE			
	CCT	STANDARD	TW	TW2
80 CRI	2700K	0.97	-	0.93
	3000K	0.99	0.95	0.95
	3500K	1.00	0.98	0.98
	4000K	1.03	1.00	1.00
	5000K	1.06	0.96	1.02
	6500K	-	-	1.01
90 CRI	2700K	0.80	-	0.93
	3000K	0.82	0.91	0.95
	3500K	0.83	0.96	0.98
	4000K	0.86	1.00	1.00
	5000K	0.89	1.03	1.03
		6500K	-	-

### TW

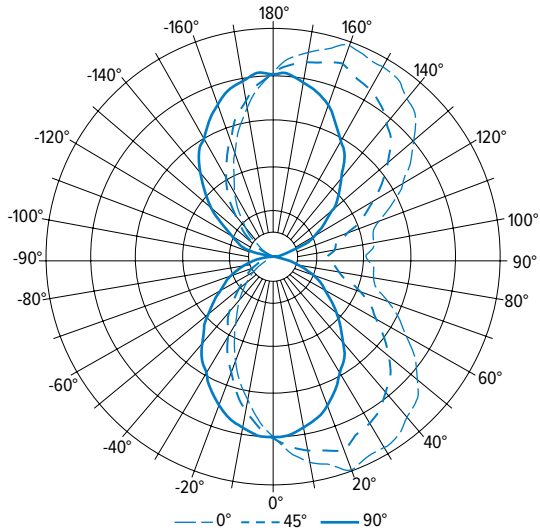


### TW2



## PHOTOMETRY

WMAUD-4-P25U/P25D/835-AF Total Luminaire Output: 5006 lumens; 48 Watts | Efficacy: 104 lm/W | 80 CRI; 3500K CCT

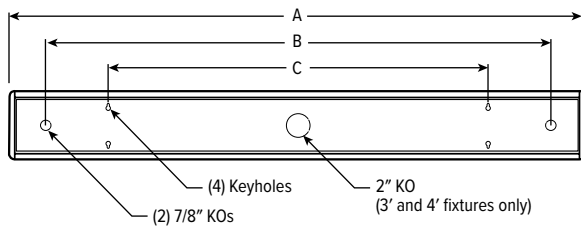


VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	897	897	897	897	897	
5	979	948	891	849	822	85
15	1064	991	832	702	644	239
25	1097	979	732	536	460	349
35	1084	930	619	392	311	409
45	1010	828	476	246	175	411
55	849	668	341	136	77	361
65	685	519	223	52	14	283
75	523	348	112	4	7	200
85	504	303	26	13	26	164
90	460	277	0	24	36	
95	501	305	27	19	30	166
105	520	352	113	4	7	200
115	680	522	224	50	12	282
125	842	673	347	138	77	361
135	997	828	480	246	175	411
145	1075	930	630	394	314	410
155	1089	977	741	538	462	349
165	1061	992	845	703	647	239
175	977	949	906	854	828	85
180	899	899	899	899	899	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
		0 - 30	672
	0 - 40	1081	22
	0 - 60	1854	37
	0 - 90	2501	50
	90 - 120	649	13
	90 - 150	1831	37
	90 - 180	2505	50
	0 - 180	5006	100

## FIXTURE DETAILS

### BACKVIEW



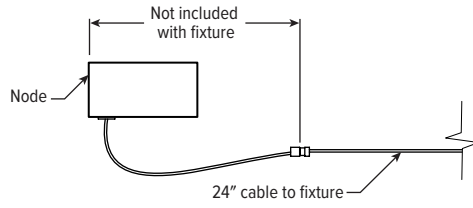
	DIMENSIONS		
	A	B	C
2'	25-1/8" O.C.	20-1/2" O.C.	16" O.C.
3'	37-1/8" O.C.	32-1/2" O.C.	32" O.C.
4'	49-1/8" O.C.	42-1/2" O.C.	32" O.C.



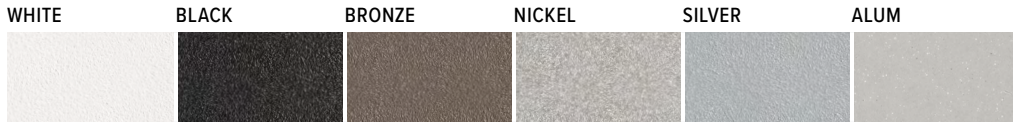
# WMAUD PoE | tunable **WHITE** Architectural Wall Mount Up/Down

## 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](http://platformatics.com/product/poe-ln2)



## 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.

