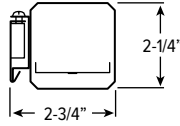


# AX2W<sup>PoE</sup> 2" Wall Mount Architectural



AX2WD

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

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

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

## FEATURES

- Williams turn-key Power over Ethernet (PoE) solution provides plug-and-play networked lighting and control.
- Sleek, slim architectural design provides direct or indirect light
- 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<sup>®</sup> in the USA

## SYSTEM REQUIREMENTS

- Lighting system (site software)
- Gateway or alternate server (runs software)
- PoE switches or Ethernet switches and mid-span power injectors
- See [hew.com/poe](http://hew.com/poe) for details

## 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 board. L70 > 60,000 hours per IES TM-21. Low-voltage DC fixture, to be fed by Class 2 power supply.
- 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.
- WARRANTY – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

## ORDERING EXAMPLE: AX2WU - 4 - P25/835 - S - OPTIONS - POE N

### ORDERING INFO

SERIES	LENGTH	LUMENS <sup>[1]</sup>	CRI	CCT	FIXTURE TYPE
AX2WD Down	2 2'	2'	8 80	30 3000K	F Feeder unit <sup>[3]</sup>
AX2WU Up	4 4'	P15 1,500lm	9 90 <sup>[2]</sup>	35 3500K	J Joiner unit <sup>[4]</sup>
	8 8'	4'		40 4000K	S Stand-alone unit <sup>[5]</sup>
		P25 2,500lm		50 5000K	
		8'			
		P51 5,100lm			

### OPTIONS <sup>[6]</sup>

- EM/CP12** Remote mount 12-watt lota emergency LED battery <sup>[8]</sup>
- ASY** Asymmetric reflector <sup>[9]</sup>

### CONTROL <sup>[7]</sup>

- POE N** Power over Ethernet network node
- POE D** Power over Ethernet device node <sup>[10]</sup>

## NOTES

- Nominal lumen output based on 3500K. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- Extended lead times may apply. Consult factory for availability
- Straight white cord standard, two end plates, field installed.
- Straight white cord standard, no end plates.
- Straight white cord standard, two end plates installed
- See [hew.com/poe](http://hew.com/poe) for compatible sensors & switches. See page 3 for FINISH OPTIONS.
- Node requires remote mounting. See page 3 for REMOTE MOUNT DETAILS.
- Requires one additional category cable run to switch. See page 3 for REMOTE MOUNT DETAILS.
- Uplight only; reduces lumen output up to 25%
- Not available for fixtures over 40W.



# AX2W<sup>PoE</sup> 2" Wall Mount Architectural

## FIXTURE PERFORMANCE DATA

### UP OR DOWNLIGHT

	LED PACKAGE	LUMENS	WATTAGE	EFFICACY (LM/W)
2	P15	1530	16	97.7
4	P25	2515	25	100.6
8	P51	5114	49	104.4

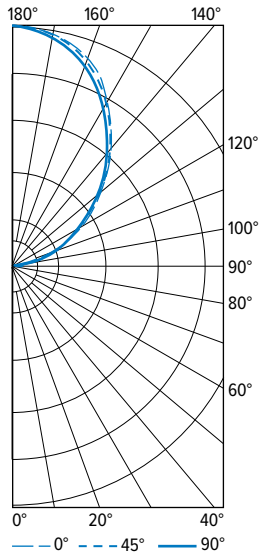
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277 V input
- Results based on 3500K, 80 CRI, actual lumens may vary +/- 5%
- Use multiplier table to calculate additional options.

### MULTIPLIER TABLE

		COLOR TEMPERATURE	
		CCT	CONVERSION FACTOR
80 CRI		2700K	0.97
		3000K	0.99
		3500K	1.00
		4000K	1.03
		5000K	1.06
90 CRI		2700K	0.80
		3000K	0.82
		3500K	0.83
		4000K	0.86
		5000K	0.89

## PHOTOMETRY

AX2WU-4-P25/835-S Total Luminaire Output: 2515 lumens; 25 Watts | Efficacy: 101 lm/W | 84 CRI; 3483K CCT

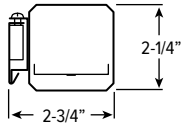


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	0	0	0	
5	0	0	0	0
15	0	0	0	0
25	0	0	0	0
35	0	0	0	0
45	0	0	9	2
55	0	6	15	6
65	0	10	22	11
75	0	15	31	16
85	1	20	36	23
90	7	29	49	
95	31	53	75	62
105	130	139	159	153
115	256	254	258	258
125	405	397	381	358
135	561	546	531	427
145	717	710	686	444
155	869	854	837	393
165	957	951	935	268
175	1001	1001	997	95
180	1009	1009	1009	

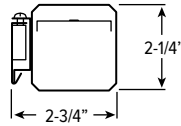
	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	0	0
	0 - 40	0	0
	0 - 60	8	0
	0 - 90	58	2
	90 - 120	473	19
	90 - 150	1702	68
	90 - 180	2457	98
	0 - 180	2515	100

## CROSS SECTIONS

AX2WD



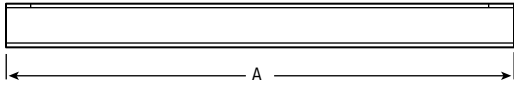
AX2WU



# AX2W<sup>PoE</sup> 2" Wall Mount Architectural

## MOUNTING DETAILS

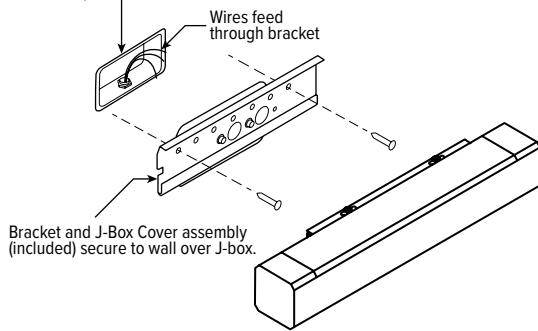
### SIDE VIEW



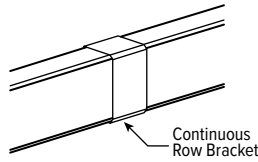
NOMINAL LENGTH	ACTUAL LENGTH (A)
2'	25-7/8"
4'	48-1/16"
8'	91-1/8"

### MOUNTING

J-Box (not provided) mounted **horizontally** (if attaching to existing vertical J-box, J-box cover will be partially visible below fixture).

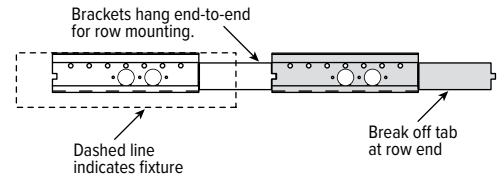


### CONTINUOUS ROW FIXTURES



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

### ROW MOUNTING

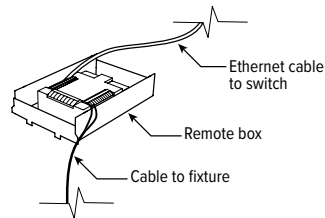


## REMOTE MOUNT DETAILS

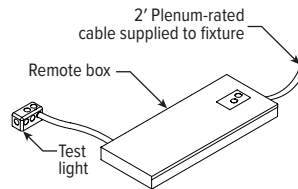
Includes 2' plenum-rated 18ga. solid cable. Remote box can be installed in:

- Above ceiling grid
- Remote closet (within 100ft)
- Surface below ceiling

### NODE



### NODE AND EM OPTION



## FINISH OPTIONS

WHITE      BLACK      BRONZE      NICKEL      SILVER      ALUMINUM



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.

