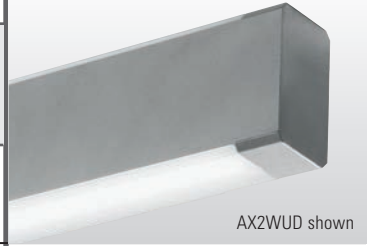


2" WALL MOUNT ARCHITECTURAL

AX2W

PoE



FEATURES

- ▶ Williams turn-key Power over Ethernet (PoE) solution provides plug-and-play networked lighting and control.
- ▶ Efficacies up to 107 lm/W
- ▶ 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
- ▶ This fixture is proudly made 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 for details

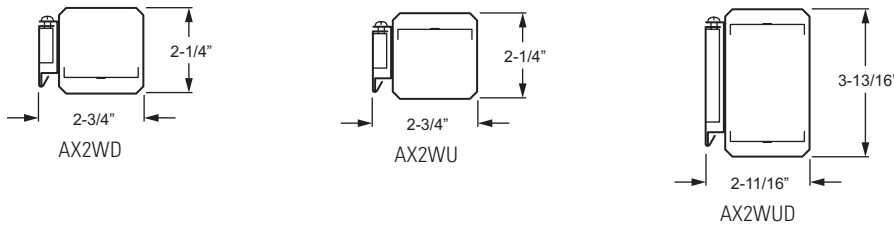
CATALOG #: _____ TYPE: _____

PROJECT: _____ NOTES: _____

EXAMPLE → **AX2W U - 4 - P25/835 - S - OPTIONS - POE N**

SERIES DISTRIBUTION NOM. LENGTH LUMEN PACKAGE CRI & CCT FIXTURE TYPE OPTIONS/ACCESSORIES CONTROL

CROSS SECTIONS



ORDERING INFORMATION

SERIES	
AX2W	2" Wall Mount Architectural – PoE
DISTRIBUTION	
U	Uplight
D	Downlight
UD	Up and Downlight
NOMINAL LENGTH	
2	2' (Uplight or Downlight only)
4	4'
8	8'

LED PACKAGE
Nominal lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see fixture performance data.

EXAMPLE: P25/835			
	LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT
2'	P15	1,500	827 = 82 CRI, 2700K
4'	P25	2,500	830 = 82 CRI, 3000K
8'	P51	5,100	835 = 82 CRI, 3500K
			840 = 82 CRI, 4000K
			WATTAGE
			16
			25
			49

UP & DOWNLIGHT ONLY
Total system wattage shown.
Specify lumen packages: **U** for Uplight and **D** for Downlight.

EXAMPLE: P25U/P25D/835			
	LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT
4'	P25	2,500	827 = 82 CRI, 2700K
			830 = 82 CRI, 3000K
			835 = 82 CRI, 3500K
			840 = 82 CRI, 4000K
8'	P51	5,100	
			WATTAGE
			50
			98

FIXTURE TYPE	
F	Feeder unit, two end plates, field installed.
J	Joiner unit, no end plates
S	Stand-alone unit, two end plates installed

OPTIONS	
ASY	Asymmetric reflector (uplight only; reduces lumen output up to 25%)

ACCESSORIES
See hew.com/poe for compatible sensors & switches

CONTROL	
For additional PoE info, see hew.com/poe	
Node requires remote mounting, see page 3 for details.	
Up and Downlight fixtures use separate nodes for switching.	
POE N	Power over Ethernet network node
POE D	Power over Ethernet device node (not available for fixtures over 40W)



PoE

PHOTOMETRY

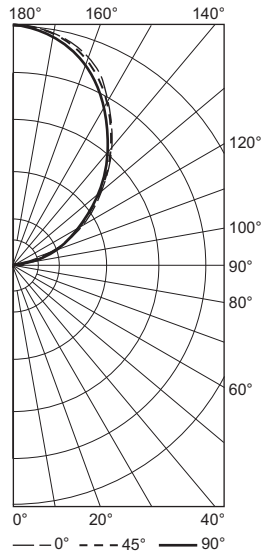
SPECIFICATIONS

- 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. Low-voltage DC fixture, to be fed by Class 2 power supply.
- Mounting** – Wall.
- Labels** – cCSAus certified as luminaire suitable for dry or damp locations.
- Warranty** – 5-year limited warranty, see www.hew.com/warranty.

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

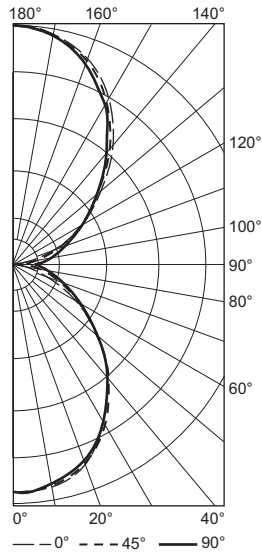
AX2U-4-P25/835-S Total Luminaire Output: 2515 lumens; 25 Watts
Efficacy: 101 lm/W | 84 CRI; 3483K CCT | IES Spacing Criteria: End: 1.2, Across: 1.2, Diagonal: 1.2



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	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	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

AX2UD-4-P25U/P25D/835-S Total Luminaire Output: 5030 lumens; 50 Watts
Efficacy: 101 lm/W | 84 CRI; 3478K CCT | IES Spacing Criteria: End: 1.2, Across: 1.2, Diagonal: 1.2



Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	987	987	987	
5	1001	979	972	93
15	956	946	937	266
25	861	849	842	392
35	712	714	702	444
45	542	547	540	422
55	372	394	390	350
65	219	256	269	252
75	95	145	176	154
85	23	71	110	80
90	5	49	91	
95	33	86	135	93
105	135	164	198	176
115	263	273	285	274
125	420	406	412	368
135	583	563	547	437
145	749	727	713	456
155	885	871	852	402
165	982	977	967	275
175	1028	1031	1022	97
180	1033	1033	1033	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	751	15
	0 - 40	1195	24
	0 - 60	1967	39
	0 - 90	2452	49
	90 - 120	543	11
	90 - 150	1804	36
	90 - 180	2579	51
	0 - 180	5030	100

FIXTURE PERFORMANCE DATA

UP OR DOWNLIGHT

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

UP & DOWNLIGHT

LED PACKAGE	UP		DOWN		EFFICACY (LM/W)
	NOMINAL LUMENS	WATTAGE	NOMINAL LUMENS	WATTAGE	
4' P25/835	2515	25	2515	25	100.6
8' P51/835 ¹	5114	49	5114	49	104.4

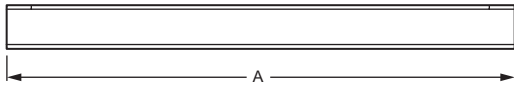
- 1 Fixture contains two nodes; one power drop per node required.
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
 - Wattage shown is average for 120V through 277V input.
 - Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
 - Use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

MULTIPLIER TABLE

COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
2700K/80CRI	0.97
3000K/80CRI	0.99
3500K/80CRI	1.00
4000K/80CRI	1.03

FIXTURE DETAILS

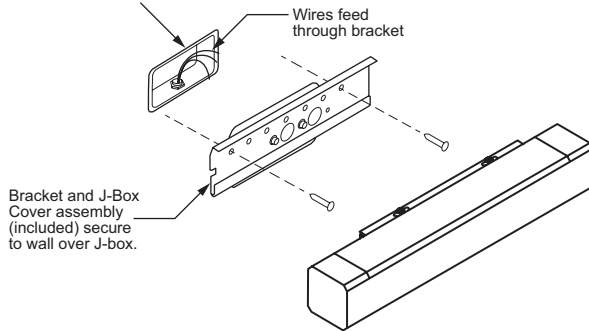
SIDE VIEW



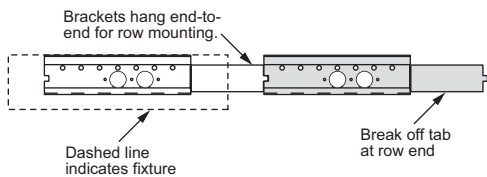
NOMINAL LENGTH	ACTUAL LENGTH (A)
2'	25-7/8"
4'	48-1/16"
8'	91-1/8"

MOUNTING

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

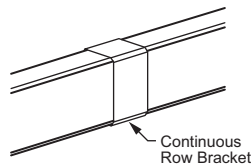


ROW MOUNTING

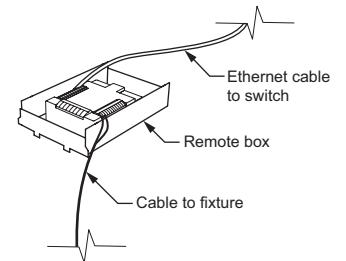


CONTINUOUS ROW FIXTURES

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



REMOTE MOUNT NODE DETAILS



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

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

See [Technical Info](#) for dimension details.

