

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Williams turn-key Power over Ethernet (PoE) solution provides plug-and-play networked lighting and control
- Tunable white from 3000K to 5000K CCT, minimum 80 CRI
- 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
- Optional tamper-resistant screws available
- Made Right Here® 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

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.

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

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'	LUMENS ^[1]	
	4 4'	U OR D	
		CRI CCT	
		P16 1,600lm	U Uplight 8 80 27 2700K
		3'	D Downlight 9 90 ^[2] 30 3000K
		P25 2,500lm	35 3500K
		4'	40 4000K
		P25 2,500lm	50 5000K
			8TW Tunable white (80 CRI, 3000K-5000K)

OPTIONS ^[3]

EM/CP12	Remote mount 12-watt Iota emergency battery ^[5]
BC	Fixture prewired for bedside controls ^[6]
PSBR	Bottom-mounted pull switch on right ^[7]
PSBL	Bottom-mounted pull switch on left ^[8]
APCW	Anti-microbial white pull cord ^[9]
TP	Tamper-resistant (holt head) screws. ^[10]
AMW	Anti-microbial white finish

CONTROL ^[4]

POE N	Power over Ethernet network node	120 120V
POE D	Power over Ethernet device node ^[11]	277 277V
		UNV 120-277V

VOLTAGE

NOTES

- Lumen output based on 4000 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
- Extended lead times may apply. Consult factory for availability. Not available with Tunable White.
- See hew.com/poe for compatible sensors and switches. See page 3 for FINISH OPTIONS.
- For additional PoE info, see hew.com/poe
- Requires one additional category cable run to switch. See page 2 for REMOTE MOUNT DETAILS.
- Button functionality determined with gateway software.
- Up or down functionality determined with gateway software.
- Up or down functionality determined with gateway software.
- Packaged with fixture, field installed. Requires PSBL or PSBR option.
- This option requires a tamper-resistant too, Must be ordered separately. Please specify quantity required per project.
- Not available for fixtures over 40W

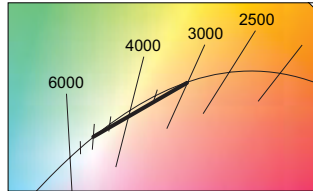


WMAUD PoE | tunable WHITE Architectural Wall Mount Up/Down

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.

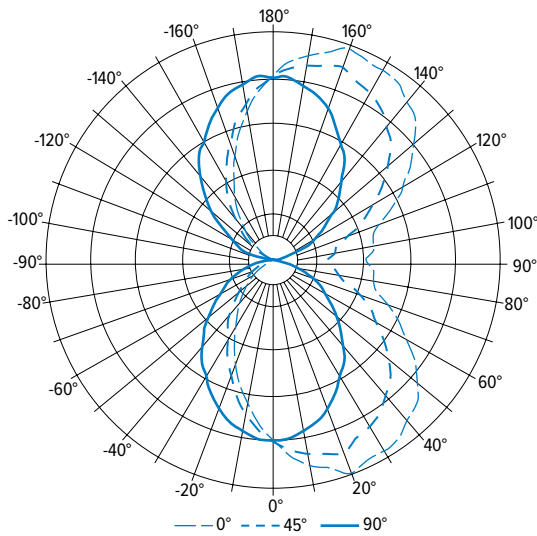


MULTIPLIER TABLE

	COLOR TEMPERATURE		
	CCT	LUMENS	
		STANDARD	TUNABLE WHITE
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	0.80	-
	3000K	0.82	-
	3500K	0.83	-
	4000K	0.86	-
	5000K	0.89	-

PHOTOMETRY

WMAUD-4-P25U/P25D/835-AF Total Luminaire Output: 5006 lumens; 48 Watts | Efficacy: 104 lm/W | 84.2 CRI; 3500K CCT

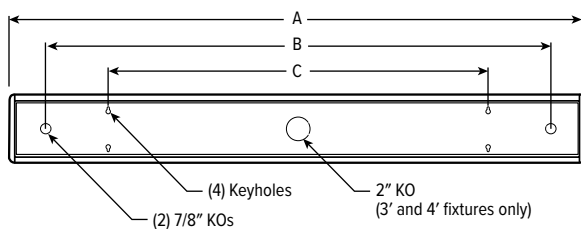


VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	897	897	897	897	897	897
5	979	948	891	849	822	85
15	1064	991	832	702	644	239
25	1097	979	732	536	460	349
35	1084	930	619	392	311	409
45	1010	828	476	246	175	411
55	849	668	341	136	77	361
65	685	519	223	52	14	283
75	523	348	112	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	13
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.

OCCUPANCY SENSOR

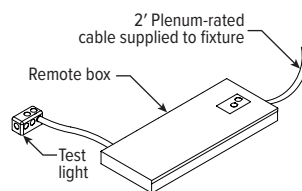


REMOTE MOUNT DETAILS

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

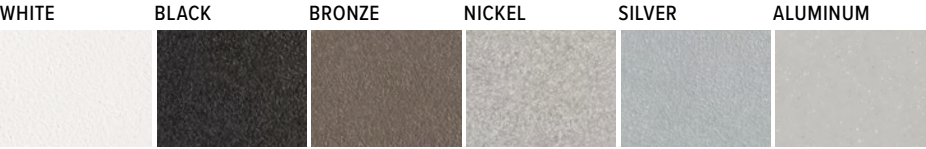
- Above ceiling grid
- Remote closet (within 100ft)
- Surface below ceiling

EM OPTION



WMAUD PoE | tunable WHITE Architectural Wall Mount Up/Down

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.

