

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES



- Deliver scalable, data-driven smart buildings with PoE-enabled fixtures and controls
- Support human-centric design with adaptive, individualized lighting using tunable white light
- Ambient up/down light with closed top option available
- 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 Phillips 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.
 - Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- WARRANTY** – 5-year limited warranty, see 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

ORDERING EXAMPLE: WMA - 4 - P56/835 - AF - OPTIONS - POE PR

ORDERING INFO

SERIES	LENGTH	LUMENS ^[1]	CRI	CCT	SHIELDING	
WMA	2 2'	STANDARD	8 80	27 2700K	AF Frosted acrylic, .125" thick	
	3 3'	2'	9 90 ^[2]	30 3000K		
	4 4'	P24	2,400lm	P16		35 3500K
		3'		3'		40 4000K
		P17	1,700lm	P17		50 5000K
		P25	2,500lm	P25		TW Tunable white (3000K-5000K)
		4'		4'		P25 2,500lm
		P27	2,700lm	P25		2,500lm
		P56	5,600lm			TW2 Tunable white (2700K-6500K)

OPTIONS ^[3]

- BC** Fixture prewired for bedside controls ^[5]
- PSBR** Bottom-mounted pull switch on right ^[6]
- PSBL** Bottom-mounted pull switch on left ^[7]
- APCW** Anti-microbial white pull cord ^[8]
- CT** Closed-top
- AMW** Anti-microbial white finish

CONTROL ^[4]

- POE PR** Power over Ethernet-ready

ACCESSORIES

- TPTG TOOL** Tamper-resistant tool for tri-groove screws. ^[9]

NOTES

- 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.
- Extended lead times may apply. Consult factory for availability.
- See page 3 for FINISH OPTIONS.
- For additional PoE connection details, consult factory.
- Button functionality determined with gateway software.
- Functionality determined with gateway software.
- Functionality determined with gateway software.
- Packaged with fixture, field installed. Requires PSBR or PSBL option.
- Tamper-resistant tool must be ordered separately for use with tamper-resistant screws. Please specify quantity required per project.



FIXTURE PERFORMANCE DATA

STANDARD

	LED PACKAGE	STANDARD			TUNABLE WHITE		
		DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2'	P24	2411	25.0	96	2403	25.1	96
	P17	1741	15.1	115	1711	16.7	102
3'	P25	2525	23.0	110	2534	25.4	100
	P27	2734	24.0	114	2715	25.1	108
4'	P56	5630	47.1	120	5626	50.8	111

CLOSED-TOP OPTION

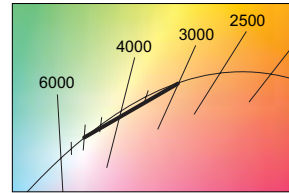
	LED PACKAGE	STANDARD			TUNABLE WHITE		
		DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2'	P16	1624	16.0	102	1617	17.3	93
	P17	1706	16.0	107	1710	16.9	101
3'	P25	2537	25.0	101	2508	25.3	99
	P25	2503	24.0	104	2534	24.6	103

MULTIPLIER TABLE

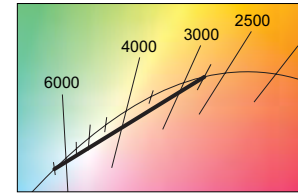
	COLOR TEMPERATURE			
	CCT	STANDARD	TW	TW2
80 CRI	2700K	0.97	-	0.93
	3000K	0.99	0.95	0.95
	3500K	1.00	0.98	0.98
	4000K	1.03	1.00	1.00
	5000K	1.06	0.96	1.02
	6500K	-	-	1.01
90 CRI	2700K	0.80	-	0.93
	3000K	0.82	0.91	0.95
	3500K	0.83	0.96	0.98
	4000K	0.86	1.00	1.00
	5000K	0.89	1.03	1.03
	6500K	-	-	1.02

- 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.

TW

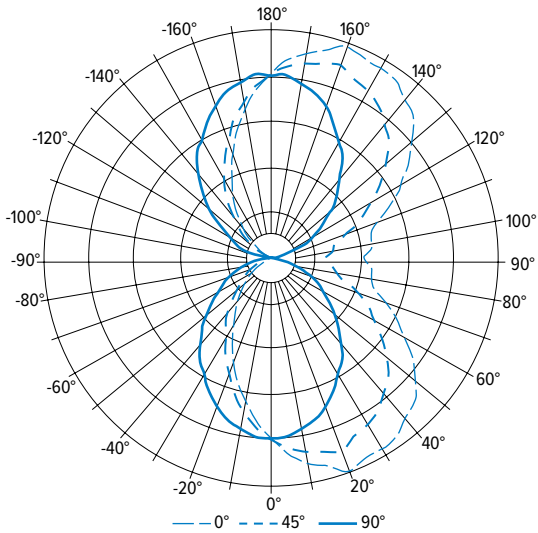


TW2



PHOTOMETRY

WMA-4-P56/835-AF Total Luminaire Output: 5630 lumens; 47.1 Watts | Efficacy: 120 lm/W | 80 CRI; 3500K CCT

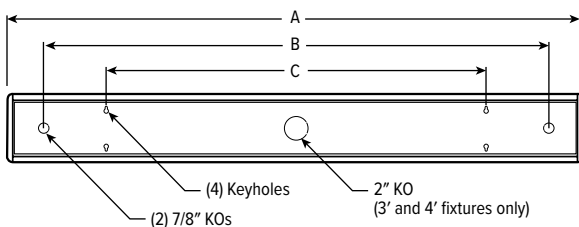


VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1008	1008	1008	1008	1008	
5	1101	1066	1002	955	925	95
15	1197	1115	936	789	725	268
25	1234	1101	823	603	517	393
35	1219	1046	697	441	350	460
45	1136	931	536	277	197	463
55	955	752	383	152	87	406
65	770	583	251	58	16	318
75	589	391	125	4	8	225
85	567	341	29	15	29	185
90	517	312	0	27	40	
95	563	343	30	21	34	186
105	585	396	127	4	8	225
115	765	587	252	56	14	318
125	947	757	390	155	87	406
135	1121	931	540	277	197	463
145	1209	1046	709	443	353	461
155	1224	1099	833	605	520	393
165	1193	1116	950	791	728	269
175	1099	1068	1019	961	931	96
180	1011	1011	1011	1011	1011	

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	756	13
	0 - 40	1216	22
	0 - 60	2085	37
	0 - 90	2813	50
	90 - 120	729	13
	90 - 150	2060	37
	90 - 180	2817	50
	0 - 180	5630	100

FIXTURE DETAILS

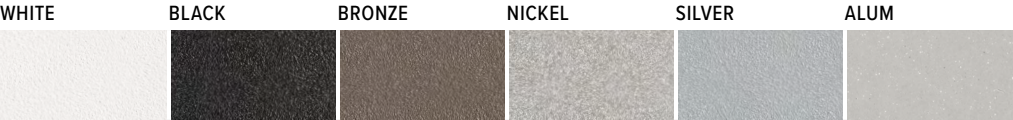
BACKVIEW



	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.



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.

