

# ARCHITECTURAL WALL MOUNT

# WMA

tunable **WHITE**

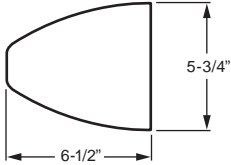
CATALOG #:	TYPE:
PROJECT:	NOTES:

**EXAMPLE** → **WMA - 4 - L64/8TW - AF - OPTIONS - DALI - UNV**

SERIES      NOMINAL LENGTH      LUMEN PACKAGE      CRI & CCT      SHIELDING      OPTIONS/ACCESSORIES      CONTROL      VOLTAGE



## CROSS SECTION



## ORDERING INFORMATION

**SERIES**  
**WMA** Architectural Wall Mount – Tunable White

**NOMINAL LENGTH**

2	2'
3	3'
4	4'

**LED PACKAGE**

	EXAMPLE: L64/8TW		WATTAGE
	LUMEN PACKAGE	NOMINAL LUMENS	
STANDARD UP/DOWN			
2'	L15	1,500	17
	L30	3,000	33
3'	L23	2,300	25
	L46	4,600	49
4'	L32	3,200	31
	L64	6,400	63

Nominal lumen output based on 4000K CCT. Actual lumens may vary +/-5%, see fixture performance data. Additional LED lumen packages available, see options.

**CRI & CCT**  
**BTW** Tunable white (80 CRI, 3000K–5000K)

**SHIELDING**  
**AF** Frosted acrylic, .125" thick

**OPTIONS (Continued)**

- For color options, visit the WMA online at [hew.com](http://hew.com).
- PSBR/120** Single-circuit bottom-mounted pull switch on right (120V only)
  - PSBL/120** Single-circuit bottom-mounted pull switch on left (120V only)
  - GCOL** Grounded convenience outlet on left (120V only)
  - GCOR** Grounded convenience outlet on right (120V only)
  - TP** Tamper-resistant (holt head) screws. This option requires a tamper-resistant tool (must be ordered separately). Please specify quantity required per project.
  - EM/10W** 10-watt emergency battery (4' only, nominal 1300 lumens module output in EM mode)
  - LVC1A** 1-circuit low-voltage controller, wired for Ambient (120V or 277V only, not dimming compatible, LVC and OCC options cannot be used simultaneously on 2' and 3' units. Color tuning performed by alternate 0-10V control source.)
  - LVC3DIM** 1-circuit dimming low-voltage controller (120V or 277V only; DIM only, bedside switch used to control dimming only, color tuning performed by alternate 0-10V control source.)
  - AMW (L\_\_)** Anti-microbial white finish  
Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.  
**Example:** 5,500 nominal lumens = WMA-4-L64/8TW-(L55).
  - OCC\_\_** Factory-installed occupancy sensor, 120V or 277V only, must specify voltage (see back for details): OCCWS FS-505-PP-\_\_

**CONTROL**  
 See page 3 for details.

- DALI** Driver prewired for DALI applications
- DIM** (1) 0-10V signal to control dimming  
(1) 0-10V signal to control CCT
- DMX** Driver prewired for DMX applications

**VOLTAGE**

- 120** 120V
- 277** 277V
- UNV** 120-277V

## FEATURES

- ▶ Tunable white from 3000K to 5000K CCT, minimum 80 CRI.
- ▶ Ambient up/down light with closed top option available.
- ▶ Multiple dimming protocols available.
- ▶ Tool-less access to LEDs by removing front housing from fixture channel.
- ▶ Pull switch and grounded convenience outlet options available (120V only).
- ▶ Various housing color options available, consult factory.
- ▶ Optional anti-microbial white finish 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.
- ▶ This fixture is proudly made 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 board. L70 > 50,000 hours per IES TM-21. 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.

**Labels** – 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).

### IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

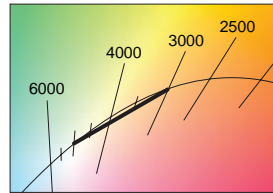
### FIXTURE PERFORMANCE DATA

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (LM/W)
2'			
L15	1601	16.8	95.2
L30	3020	33.4	90.4
3'			
L23	2391	24.7	96.7
L46	4629	49.1	94.2
4'			
L32	3210	31.4	102.3
L64	6438	63.1	102.1

- 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 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

### MULTIPLIER TABLE

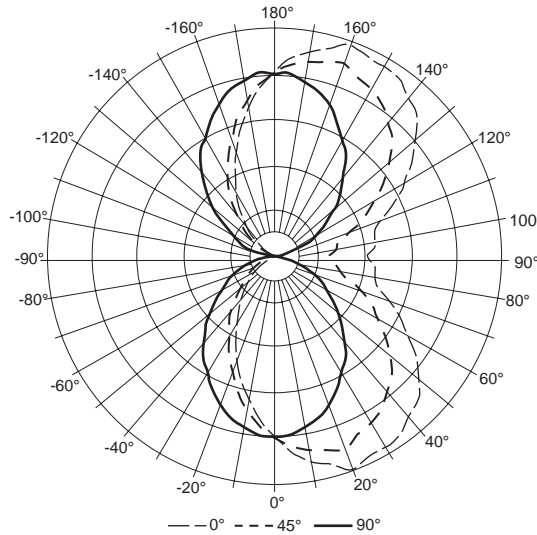
CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04



### PHOTOMETRY

WMA-4-L64/BTW-AF Report #: 17320.0; 05/06/13

Total Luminaire Output: 6438 lumens 63.1 Watts; Efficacy: 102 lm/W; 84.2 CRI; 4025K CCT



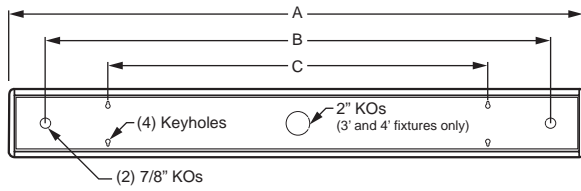
Vertical Angle	Horizontal Angle					Zonal Lumens
	0°	45°	90°	135°	180°	
0	1153	1153	1153	1153	1153	
5	1259	1219	1146	1092	1058	109
15	1368	1275	1071	902	829	307
25	1411	1259	941	689	592	449
35	1394	1196	797	504	400	526
45	1299	1065	612	317	225	529
55	1092	859	438	174	100	464
65	880	667	287	67	18	364
75	673	447	143	5	9	257
85	648	389	33	17	33	211
90	592	357	0	31	46	
95	644	392	35	24	39	213
105	669	453	145	5	9	258
115	874	671	288	64	16	363
125	1083	865	446	177	100	465
135	1282	1065	617	317	225	529
145	1382	1196	811	507	403	527
155	1400	1257	953	692	595	449
165	1364	1276	1086	904	833	307
175	1257	1221	1165	1098	1065	109
180	1156	1156	1156	1156	1156	

Zone	Lumens	% Fixture
0 - 30	865	13
0 - 40	1391	22
0 - 60	2384	37
0 - 90	3217	50
90 - 120	834	13
90 - 150	2355	37
90 - 180	3222	50
0 - 180	6438	100



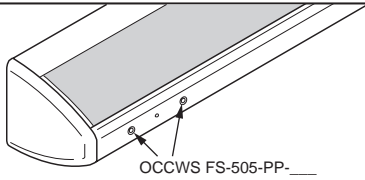
## FIXTURE DETAILS

### BACK VIEW



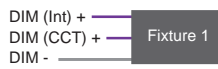
NOMINAL LENGTH	DIMENSIONS		
	A	B	C
2'	25-1/8" O.C.	20-1/2" O.C.	16" O.C.
3'	37-1/8" O.C.	32-1/2" O.C.	32" O.C.
4'	49-1/8" O.C.	42-1/2" O.C.	32" O.C.

## OCCUPANCY SENSOR DETAILS



## CONTROL DETAILS

### DIM



### DALI



### DMX

