

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Ambient up/down light with closed top option available
- Fully accessible without the use of tools
- Pull switch and grounded convenience outlet options available
- Optional anti-microbial white pull cord and finish available for use in healthcare applications
- Maximize energy savings with efficacies as high as 138 lm/W
- 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

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 at 50,000 hours. 25°C maximum ambient operating temperature.
- 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.

ORDERING EXAMPLE: WMA - 4 - L80/835 - AF - OPTIONS - DIM - UNV

ORDERING INFO

SERIES	LENGTH	LUMENS ^[1]	CRI	CCT	SHIELDING	
WMA	2 2'	2'	8 80	27 2700K	AF Frosted acrylic, .125" thick	
	3 3'	L20 2,000lm	9 90 ^[6]	30 3000K		
	4 4'	L40 4,000lm ^[2]		35 3500K		
		3'	L30 3,000lm			40 4000K
		L60 6,000lm ^[3]		50 5000K		
	4'	L40 4,000lm				
		L80 8,000lm ^[4]				
		L100 10,000lm ^[5]				

OPTIONS ^[7]

- EM/10W** 10-watt emergency battery^[9]
- PSBR/120** Single-circuit bottom-mounted pull switch on right^[10]
- PSBL/120** Single-circuit bottom-mounted pull switch on left^[11]
- APCW** Anti-microbial white pull cord^[12]
- GCOL** Grounded convenience outlet on left^[13]
- GCOR** Grounded convenience outlet on right^[14]
- CT** Closed-top
- TP** Tamper-resistant (holt head) screws.^[15]
- LVC1A** 1-circuit low-voltage controller, wired for Ambient^[16]
- LVC3DIM** 1-circuit dimming low-voltage controller^[17]
- AMW** Anti-microbial white finish
- (L__)** Additional lower lumen packages available. Example: 7,000 lumens = WMA-4-L80/835-(L70)^[18]
- OCC__** Factory-installed occupancy sensor^[19]
- OCCWS FS-505-PP-__** Low voltage ultrasonic sensor

CONTROL ^[8]

- DIM** Dimming driver **120** 120V
- 277** 277V
- DRV** Non-dimming driver **UNV** 120-277V
- 347** 347V^[20]

VOLTAGE

NOTES

- ¹ Lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- ² Additional lumen packages available, see Options.
- ³ Not available with CT option.
- ⁴ Not available with CT option.
- ⁵ Not available with CT option.
- ⁶ Extended lead times may apply. Consult factory for availability.
- ⁷ See page 3 for FINISH OPTIONS.
- ⁸ See page 3 for ADDITIONAL CONTROL OPTIONS.
- ⁹ 4' only
- ¹⁰ 120V only
- ¹¹ 120V only
- ¹² Packaged with fixture, field installed. Requires PSBL or PSBR option.
- ¹³ 120V only
- ¹⁴ 120V only
- ¹⁵ This option requires a tamper-resistant tool, must be ordered separately. Please specify quantity required per project.
- ¹⁶ 120V or 277V only. Not dimming compatible.
- ¹⁷ 120V or 277V only. DIM driver only
- ¹⁸ Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- ¹⁹ 120V or 277V only, must specify voltage. LVC and OCC options cannot be used simultaneously on 2' and 3' units. See page 3 for FIXTURE DETAILS.
- ²⁰ Not available with EM batteries



FIXTURE PERFORMANCE DATA

	LED PACKAGE	WATTAGE	STANDARD		CT OPTION	
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)
2'	L20	15.9	2069	130.2	2117	133.1
	L40	32.4	4020	124.2	-	-
3'	L30	24.0	3125	130.2	3126	130.3
	L60	46.5	6092	131.1	-	-
4'	L40	30.0	4139	138.1	4118	137.3
	L80	63.3	7989	126.2	-	-
	L100	74.4	10096	135.7	-	-

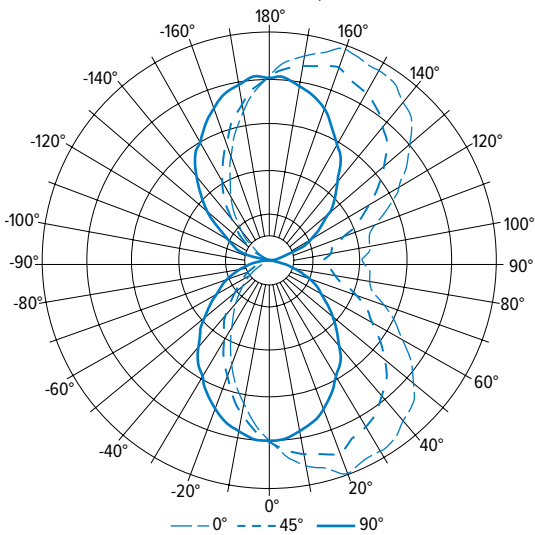
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

MULTIPLIER TABLE

	COLOR TEMPERATURE	
	CCT	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

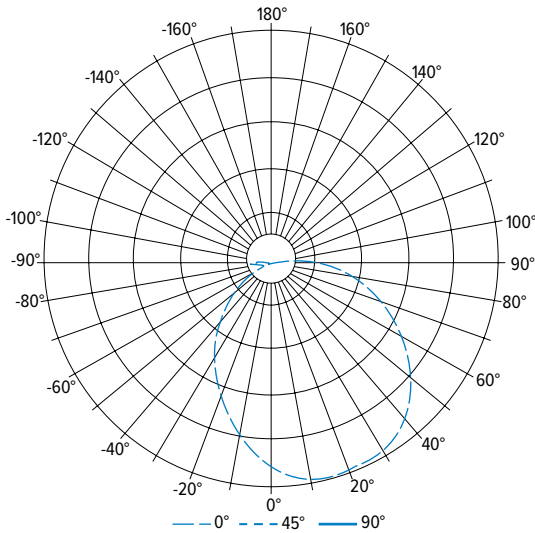
WMA-4-L40/835-AF Total Luminaire Output: 4139 lumens; 30.0 Watts | Efficacy: 138.1 lm/W | 82 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	741	741	741	741	741	741
5	809	784	737	702	680	70
15	880	819	688	580	533	197
25	907	809	605	443	380	289
35	896	769	512	324	257	338
45	835	684	394	204	145	340
55	702	553	282	112	64	299
65	566	429	184	43	12	234
75	433	287	92	3	6	165
85	417	250	21	11	21	136
90	380	229	0	20	29	
95	414	252	22	15	25	137
105	430	291	93	3	6	166
115	562	432	185	41	10	234
125	697	556	287	114	64	299
135	824	684	397	204	145	340
145	889	769	521	326	259	339
155	900	808	613	445	382	289
165	877	820	698	581	535	198
175	808	785	749	706	684	70
180	743	743	743	743	743	

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	556	13
	0 - 40	894	22
	0 - 60	1533	37
	0 - 90	2068	50
	90 - 120	536	13
	90 - 150	1514	37
	90 - 180	2071	50
	0 - 180	4139	100

WMA-4-L40/835-AF-CT Total Luminaire Output: 4118 lumens; 30.0 Watts | Efficacy: 137.3 lm/W | 82.3 CRI; 3579K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1401	1401	1401	1401	1401	
5	1507	1410	1389	1288	1345	131
15	1573	1490	1334	1152	1124	374
25	1541	1459	1187	970	881	559
35	1528	1359	1035	764	658	666
45	1373	1218	848	546	434	679
55	1226	1026	655	312	219	605
65	985	808	427	124	62	464
75	750	575	201	22	27	314
85	481	328	39	39	75	194
90	364	213	7	83	129	
95	258	114	0	55	85	99
105	73	13	0	11	46	27
115	4	0	0	6	9	4
125	0	0	0	4	8	2
135	0	0	0	2	5	1
145	0	0	0	1	2	0
155	0	0	0	1	0	0
165	0	0	0	1	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	1064	26
	0 - 40	1730	42
	0 - 60	3014	73
	0 - 90	3985	97
	90 - 120	130	3
	90 - 150	132	3
	90 - 180	133	3
	0 - 180	4118	100

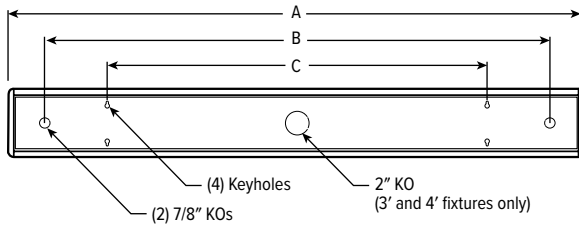
ADDITIONAL CONTROL OPTIONS

Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (Must specify 120V or 277V only)
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LTE LINE	Lutron Hi-lume 1% 2-wire dimming driver forward phase line voltage controls (120V only)
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver
LDE5	Lutron 5-Series 5% EcoSystem dimming LED driver
ELDO SOLOB	EldoLED Solodrive, 0.1% dimming driver for 0-10V controls
ELDO SOLOB DALI	EldoLED Solodrive, 0.1% dimming driver for DALI controls
ELDO ECO1	EldoLED Ecodrive, 1% dimming driver for 0-10V controls
ELDO ECO1 DALI	EldoLED Ecodrive, 1% dimming driver for DALI controls

FIXTURE DETAILS

BACKVIEW

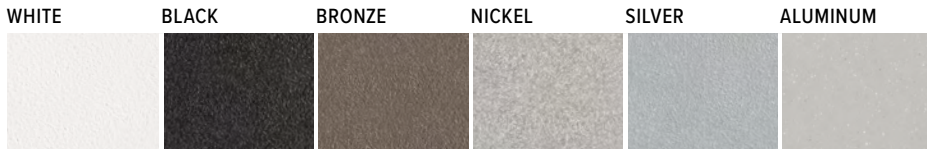


DIMENSIONS			
	A	B	C
2'	25-1/8" O.C.	20-1/2" O.C.	16" O.C.
3'	37-1/8" O.C.	32-1/2" O.C.	32" O.C.
4'	49-1/8" O.C.	42-1/2" O.C.	32" O.C.

OCCUPANCY SENSOR



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.