



MASSINO

OUTDOOR PRODUCTS

Outdoor wall pack light



The Massino Series adjustable wall packs are high-efficacy luminaires with a machined finished die-cast aluminum shell. It features an adjustable head, so the beam can be aimed in various positions. It comes in a wide range of power and lumens options up to 120W at 16800 lumens, allowing it to stand out against competition in its wall pack category.

Project: _____
 Qty: _____
 Notes: _____

OPERATING & ELECTRICAL

Input voltage 120-277V, 120-347V
Power factor 0.9
Total harmonic distortion (THD) <20%
Dimming 0-10V external dimming down to 10%

PERFORMANCE

Lumens per Watt 140 LPW at 70CRI
Power 20,40,60, 80,100,120W
Distribution Type 2

MECHANICAL & HOUSING

Housing Aluminum die cast housing for superior heat dissipation, strength, and rigidity.
Lens Highly durable, UV resistant polycarbonate lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare. High transmittance lens allowing for a smooth, diffused light pattern.

Finish Powder coat finish for the toughest outdoor conditions. Available in black, bronze, nebula white, aluminum (RAL9006) finishes.

Power Supply Factory wired electronic LED driver

LED Board LED Array

APPLICATION CONDITION

Ambient temperature range -30 to 45°C
Protection IP65, IK08

COMPATIBLE MOUNTING

Mounting Surface

WARRANTY

System warranty 5 years
Lumen maintenance Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES). (L70 at 50,000 hours)

ORDERING GUIDE

EXAMPLE: AE-WP-MS-060L-D-40-BZ

AE-WP-MS	-060	L	-D	-40	-BZ
FIXTURE FAMILY	POWER	VOLTAGE	CONTROLS	CCT	FINISH
AE-WP-MS Aeralux Massino Series outdoor wall pack light fixture	-020 20 Watts: 2,800 lumens	L 120-277Vac input voltage range	-D 0-10V external dimming down to 10%	-40 4000K CCT	-BZ Bronze powder coat finish
	-040 40 Watts: 5,600 lumens				
	-060 60 Watts: 8,400 lumens	M 120-347Vac input voltage range	-P Photocontrol	-50 5000K CCT	-BK Black powder coat finish
	-080 80 Watts: 11,200 lumens				-WH Aeralux nebula white powder coat finish*
	-100 100 Watts: 14,000 lumens				-AL Aluminum (RAL9006) powder coat finish*
	-120 120 Watts: 16,800 lumens				

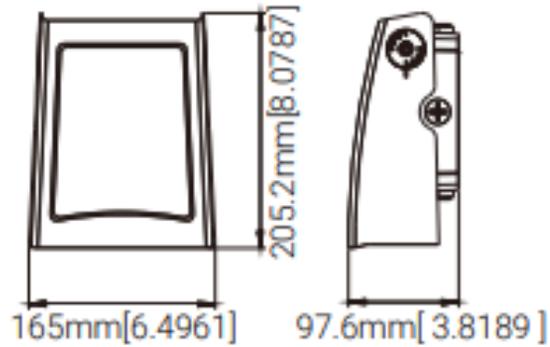
*Contact for details on lead time and availability



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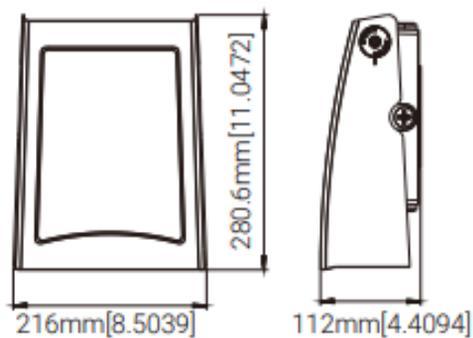
PRODUCT DIMENSIONS

AE-WP-MS-020, AE-WP-MS-040



20W/40W

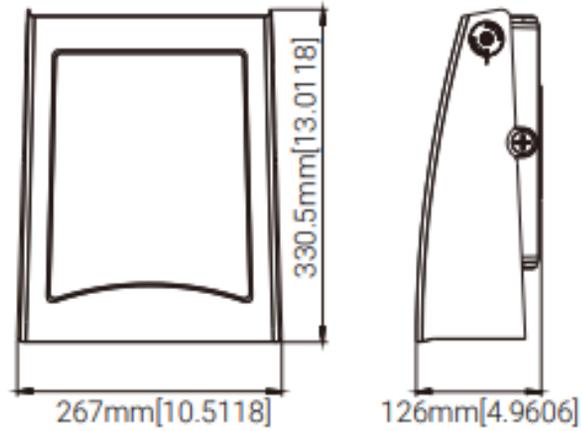
AE-WP-MS-060, AE-WP-MS-080



60W/80W

PRODUCT DIMENSIONS

AE-WP-MS-100, AE-WP-MS-120



100W/120W

LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

Lumen estimate adjustment factors				
CCT	2700K	3000K	3500K	4000K
NORMAL (80CRI)	0.91	0.94	0.97	1

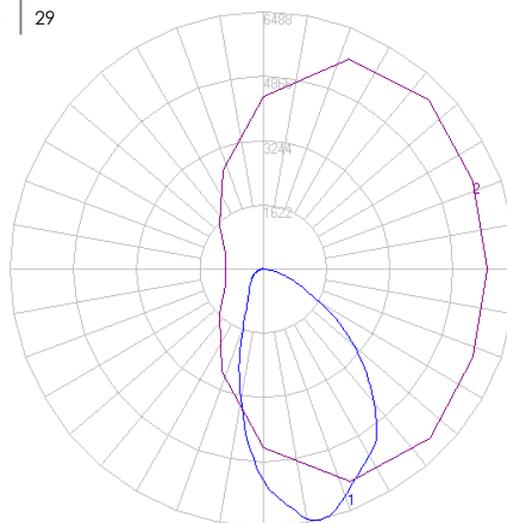
PHOTOMETRIC DATA

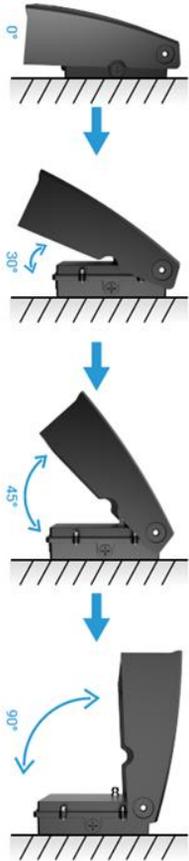
AE-WP-MS-080L-X-50X-XX

Coefficients of utilization											
Ceiling	80%				70%		50%		30%		0%
Wall	70%	50%	30%	10%	50%	10%	50%	10%	50%	10%	0
RCR	Zonal Cavity Method – Effective floor reflectance = 20%										
	119	119	119	119	116	116	111	111	106	106	99
1	110	106	102	98	103	97	99	94	95	91	86
2	101	93	87	82	92	81	88	79	85	77	73
3	93	83	76	70	81	69	78	68	76	66	63
4	85	74	66	60	73	60	71	59	68	58	55
5	79	67	59	53	66	52	64	52	62	51	48
6	73	61	53	47	60	46	58	46	56	45	43
7	68	56	47	42	55	41	53	41	52	41	38
8	64	51	43	37	50	37	49	37	48	37	35
9	60	47	39	34	46	34	45	34	44	34	32
10	56	44	36	31	43	31	42	31	41	31	29

Luminance data			
Angle	0°	45°	90°
45°	44196	48987	27991
55°	34468	41825	21241
65°	21615	31288	15429
75°	14766	21177	10266
85°	7500	8124	3218

Zonal lumen			
Zone	Lumens	Zone	Lumens
0-10	491.17	90-100	3.78
10-20	1313.49	100-110	6.59
20-30	1776.11	110-120	9.96
30-40	1973.3	120-130	12.98
40-50	1865.38	130-140	14.98
50-60	1486.05	140-150	15.3
60-70	949.63	150-160	13.39
70-80	458.69	160-170	9.21
80-90	102.36	170-180	3.27





ADJUSTABLE DESIGN
 Easy to adjust lamp head allows you to manipulate the lamp head from 0 to 90 degrees.

PREMIUM MATERIALS
 Aluminum die-cast for superior heat management, IP65 and IK08 rated for increased fixture strength, enhanced waterproofing to withstand harsh weather conditions.



ACCESSORIES
 Side mounted photocell daylight sensor adder.

MULTIPLE SIZES
 Several power options ranging from 60 to 120 watts with multiple CCT, and finish choices.