



ASTELLANO EVOLVE

OUTDOOR PRODUCTS

Outdoor wall pack light



The Astellano Evolve is the traditional wall packs enhanced with progressive led technologies, photocell, among others. The wall pack delivers up to 120 LPW in a variety of power and CCT options. The Astellano Evolve comes a power switchable capability that can provide various power options. It is heavy-duty aluminum die cast housing, is fully sealed to be dirt proof and proven to withstand the outdoor elements. The Astellano is the living proof where performance can be found in long standing traditional products.

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 120 LPW at 80CRI

Power 40, 60, 90, 120W

Beam angle 90°x100°

MECHANICAL & HOUSING

Housing Aluminum die cast housing for superior heat dissipation, strength, and rigidity.

Lens UV resistant, shatterproof glass 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 and bronze color options.

Power Supply Factory wired electronic LED driver

LED Board Light emitted source

APPLICATION CONDITION

Ambient temperature range -35 to 55°C

Protection Wet location

COMPATIBLE MOUNTING

Mounting Surface, wall mounted

WARRANTY

System warranty 5 years

Lumen maintenance Rated for 85% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES). (L85 at 50,000 hours)

ORDERING GUIDE

EXAMPLE: AE-WP-WP01-040-D-35

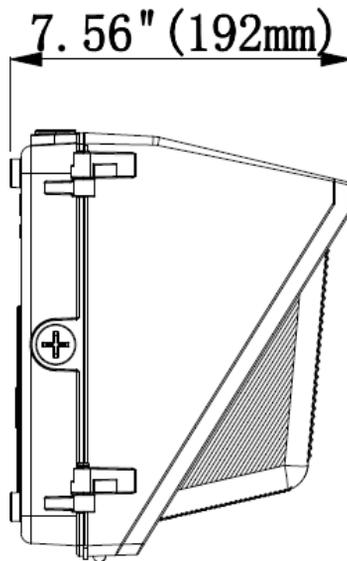
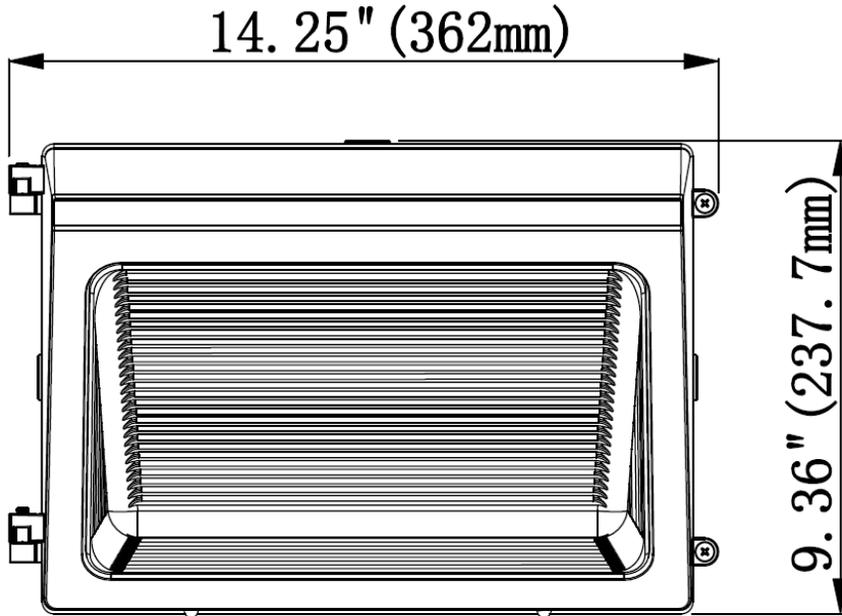
AE-WP-WP01-	060	D	35		-BK
FIXTURE FAMILY	POWER	CONTROLS	CCT	VOLTAGE	Finish
AE-WP-WP01- Aeralux Astellano GEN2 Series outdoor wall pack light fixture	060 60 watts: 7200 lumens 40 watts: 4800 lumens 30 watts: 3600 lumens 20 watts: 2400 lumens	D 0-10V external dimming down to 10%	35 3500K CCT	[BLANK] 120-277V	-BK Black powder coat finish
			40 4000K CCT		-BZ Bronze powder coat finish
	120 120 watts: 14400 lumens 100 watts: 12000 lumens 90 watts: 10800 lumens 80 watts: 9600 lumens	PD Photocell with Dimming	50 5000K CCT	-M 120-347V	-WH* White powder coat finish
					-AL* Aluminum (RAL9006) powder coat finish

* Contact manufacturer for leadtime



PRODUCT DIMENSIONS

AE-WP-WP01



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

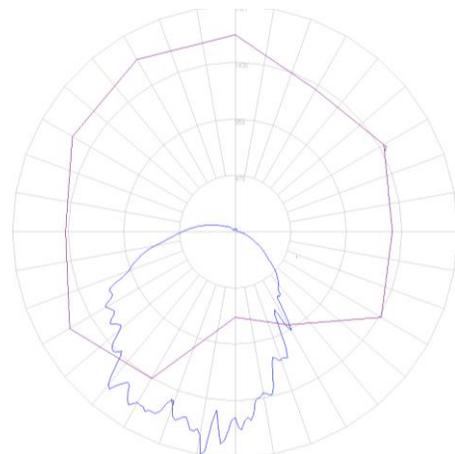
AE-OD-AS40DHV40K-XX

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%											
Room Cavity Ratio	1	117	117	117	117	114	114	107	107	101	101	93
	2	105	100	95	91	97	88	91	84	86	80	74
	3	95	86	79	73	84	71	79	69	75	66	61
	4	87	76	67	60	73	59	69	57	66	55	51
	5	79	67	58	51	65	50	62	49	58	47	43
	6	73	60	50	44	58	43	55	42	52	41	37
	7	67	54	45	38	52	38	50	37	47	36	33
	8	62	49	40	34	48	33	45	33	43	32	29
	9	58	45	36	30	44	30	42	29	40	28	26
	10	54	41	33	27	40	27	38	26	37	26	23
10	51	38	30	25	37	24	35	24	34	23	21	

Luminance data			
Angle	0°	45°	90°
45°	26888	37782	50298
55°	28451	39960	57644
65°	34976	36767	76572
75°	31483	38915	107088
85°	23677	55757	193479

Zonal lumen

Zone	Lumens	Zone	Lumens
0-10	153.19	90-100	152.04
10-20	437.31	100-110	91.9
20-30	649.97	110-120	48.34
30-40	752.6	120-130	26.23
40-50	737.53	130-140	17.78
50-60	673.62	140-150	12.5
60-70	598.94	150-160	9.18
70-80	445.23	160-170	6.1
80-90	260.28	170-180	2.17





ACCESSORIES

Ordered separately, field installed

SHIELD GUARD

AE-WP-AS-SH



Rotatable shield guard

WIRE GUARD

AE-WP-AS-WG



Wire guard

ACCESSORIES

Can be equipped with photocell, EMBB



PREMIUM MATERIALS

Aluminium die-cast housing for superior heat dissipation and fixture structural strength.

GLASS LENS

UV resistant, shatterproof glass lens ensures high efficiency light output for an evenly illuminated surface.

MULTIPLE FINISHES

Comes in Bronze, Black, White and potentially other finishes to blend in your space.



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