

## ASPIRE DUSK

OUTDOOR PRODUCTS

Outdoor wall pack light



The ASPIRE DUSK is an extension from the high quality, durable, and elegant ASPIRE wall pack series. The 2200K warm color temperature helps reducing blue light exposure around residential buildings and allows minimum effect on circadian rhythm. Its robust structure allows it to be rated for both wet and dusty locations and is fully functional in a large temperature range. The ASPIRE DUSK comes in a variety of power (switchable power from 30 watt to 120 watt) and options, while providing a luminous efficacy of 130 LPW.

### OPERATING & ELECTRICAL

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

### PERFORMANCE

**Lumens per Watt** 130 LPW at 80CRI  
**Power** 30, 60, 90, 120W  
**Beam angle** 90° x 100°

### MECHANICAL & HOUSING

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

**Lens** 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 and bronze color options.

**Power Supply** Factory wired electronic LED driver  
**LED Board** Light emitted source

### APPLICATION CONDITION

**Ambient temperature range** -40 to 40°C  
**Protection** Wet location, dustproof fixture

### COMPATIBLE MOUNTING

**Mounting** Surface, wall mounted

### 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-AP-120W-H-HV-2200K-BZ

AE-WP-AP-	120W-	H-	HV-	2200K-	BZ
FIXTURE FAMILY	POWER	PERFORMANCE	INPUT VOLTAGE	CCT	FINISH
AE-WP-AP- ERALUX ASPIRE DUSK Series outdoor wall pack light fixture	120W- Power switchable: 120W/90W/60W/30W 15,600/11,700/7,800/3,900 lumens	H- Premium light diffusion	HV- 120-347Vac input voltage range	2200K- 2200K CCT	BZ Bronze powder coat finish
					BK Black Powder coat finish





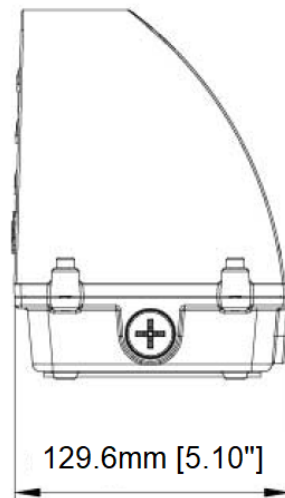
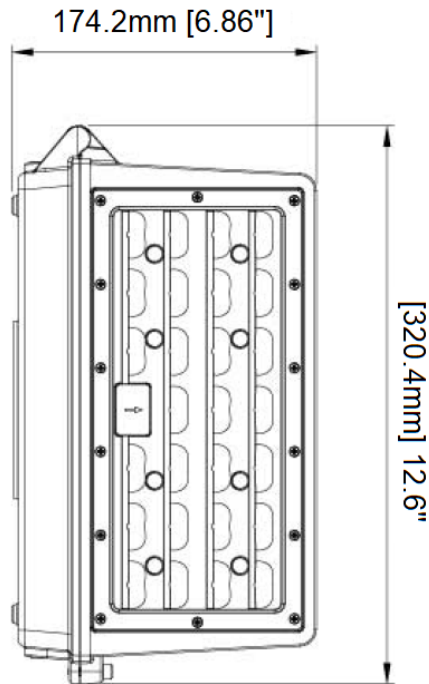
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## PRODUCT DIMENSIONS

AE-WP-AP





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## 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

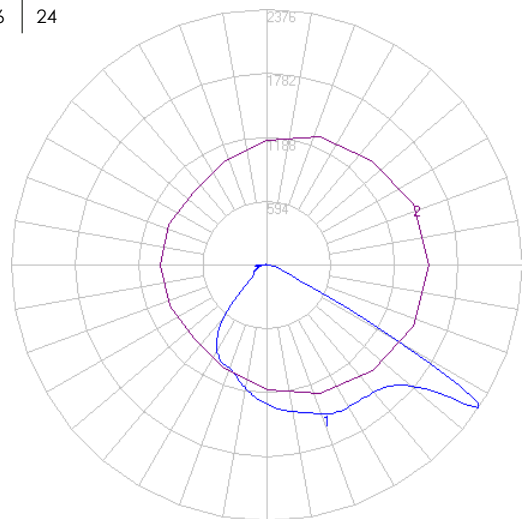
AE-WP-AP28W-H-XX-50XX

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	110	110	105	105	99
1	109	105	101	97	102	96	98	92	94	89	84
2	100	92	85	80	90	79	86	77	83	75	71
3	91	81	73	66	79	66	76	64	73	63	60
4	83	71	63	56	70	56	67	55	65	54	51
5	76	64	55	48	62	48	60	47	58	47	44
6	70	57	48	42	56	42	54	41	52	41	38
7	65	52	43	37	51	37	49	36	47	36	33
8	60	47	38	33	46	32	45	32	43	32	30
9	56	43	35	29	42	29	41	29	40	29	27
10	53	40	32	26	39	26	38	26	37	26	24

Luminance data			
Angle	0°	45°	90°
45°	47468	38212	25107
55°	82437	49163	22704
65°	16829	57376	17848
75°	9337	16078	6627
85°	8093	12059	6368

### Zonal lumen

Zone	Lumens	Zone	Lumens
0-10	122.63	90-100	7.82
10-20	352.67	100-110	7.27
20-30	550.17	110-120	7.5
30-40	683.44	120-130	7.19
40-50	714.92	130-140	6.49
50-60	758.27	140-150	5.67
60-70	448.63	150-160	4.44
70-80	121.93	160-170	2.86
80-90	43.18	170-180	0.99





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## OVERVIEW



### PREMIUM MATERIALS

Constructed from aluminum die-cast for superior heat dissipation and thermal management while maintaining excellent fixture strength and rigidity.

### TEMPERATURE

Fixture suitable for temperature ranges from -40 to +40 degrees Celsius.

### INTELLIGENT DESIGN

Side and rear knockouts for different mounting types and accessories such as photocell and additional sensors.



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