

LA1-Utility Flood Light

LA1 Series

Project:	
Catalog#:	
Approved by:	

Description

LA1 series utility flood are sleek, low profile, high performance utility grade flood luminaires. With a broad range of delivered lumen packages, they can replace 250W HID - 1000W HID luminaires.

Features

- LED: Seoul Semiconductors
- Color Temperature: 4000K/5000K standard, other CCTs available
- Color Rendering Index (CRI): 70+
- High Efficacy; 140 – 150 LPW
- Energy saving, Long LED life; L₉₀ > 100,000 hours^δ
- Rated for Ambient Temperatures between -40°C/-40°F to 50°C/122°F
- Power Factor (PF) > 0.9; THD < 20%
- Surge protection: 10kV (standard), 20kV optional
- Input Voltage: MV: 120 – 277V; 50/60 Hz
- Dimmable: 0-10Vdc
- Fixture includes approx. 7' long, 14/3 conductor pre-stripped at the ends
- 7Hx6V optical distributions
- Tool less entry
- NEMA 7-pin twist lock photo control receptacle (per ANSI C136.41)
- Standard with ANSI wattage label
- Ultra-durable Powder Coat Paint
- Standard Color Bronze
- UL Listed
- IP65
- Warranty: 5 years

^δL₉₀ hours are IES TM-21-11 calculated hours.

Applications

- Security
- Outdoor Lighting
- Hotels
- Parking Lots
- Street Lights
- Parks



Mounting Options

LA1-Utility offers two mounting options, slip fitter and yoke, providing broad mounting flexibility. Slip fitter can be used to attach fixture to a 2-3/8" OD tenon. It allows the fixture to be tilted in 6° increments. Yoke offers 12 tilt positions in 30° increments.



Ordering Information

Series Prefix	Mounting	Lumen Package	Driver	Optics	Color Temperature	Housing Color	Surge Protection	Photo Control Receptacle	Controls	Options
LAM1 Medium	S: Slip Fitter -90° to +90° tilt-ability in 6° increments	A: 100W, 14,500 Lumens B: 150W, 22,000 Lumens	MV	7 7Hx6V	30¹: 3000K, 70° CRI 40: 4000K, 70° CRI	BZ Bronze	1 10kV	P7 7 Pin Photocontrol Receptacle	NC: No Control SC: Shorting Cap L1²: HI-LL-127-15-BK-A L2²: HI-LL-127-15-BK-AF L3²: HI-LL-127-15-GN-A L4²: HI-LL-127-15-GN-AF	(Blank): No Options AO: Adjustable Output Control (via 0-10V dimming)
LAL1 Large	Y: Yoke, 12-positions in 30° increments	B: 240W, 35,500 Lumens C: 300W, 44,500 Lumens	120-277 VAC, 50/60 Hz		50¹: 5000K, 70° CRI		2 20kV			

¹ Call factory for lead times. ² Ships with selected photocontrol. Please review the longlife [HI-LL series](#) photocontrol specifications at our website.

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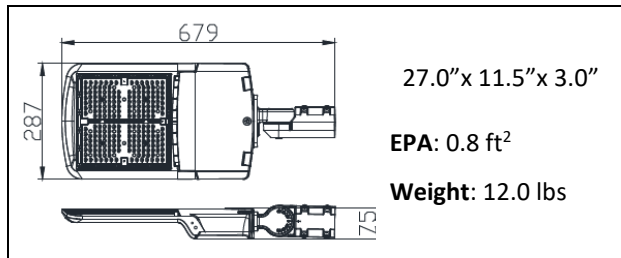
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Wattage/Lumen Table with AOU option

Model Name	AOU Position	System Watts	Fixture Lumens
LAM1-A	1	51	7,450
	2	68	9,925
	3	75	10,800
	4	82	11,875
	5	100	14,500
LAM1-B	1	76	11,300
	2	102	15,050
	3	111	16,400
	4	122	18,025
	5	148	22,000

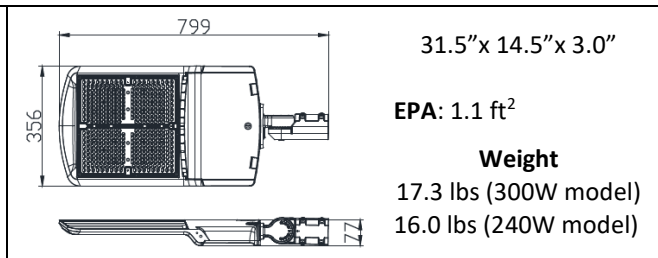
Model Name	AOU Position	System Watts	Fixture Lumens
LAL1-B	1	119	17,600
	2	156	23,050
	3	171	25,350
	4	180	26,675
	5	240	35,500
LAL1-C	1	144	22,050
	2	189	28,900
	3	207	31,800
	4	218	33,425
	5	290	44,500

Dimensions



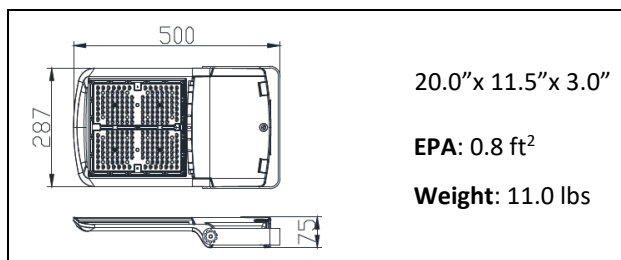
27.0" x 11.5" x 3.0"
EPA: 0.8 ft²
Weight: 12.0 lbs

LAM1-S Series



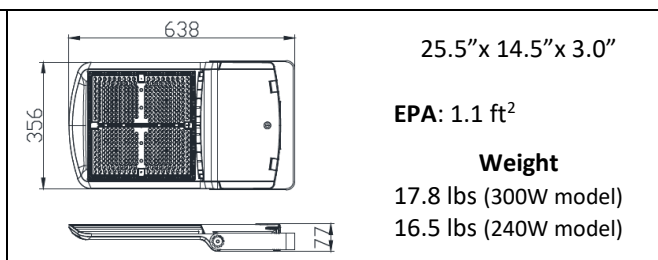
31.5" x 14.5" x 3.0"
EPA: 1.1 ft²
Weight
17.3 lbs (300W model)
16.0 lbs (240W model)

LAL1-S Series



20.0" x 11.5" x 3.0"
EPA: 0.8 ft²
Weight: 11.0 lbs

LAM1-Y Series



25.5" x 14.5" x 3.0"
EPA: 1.1 ft²
Weight
17.8 lbs (300W model)
16.5 lbs (240W model)

LAL1-Y Series