

## LED SHOEBOX/ AREA LIGHT – AL02 Series



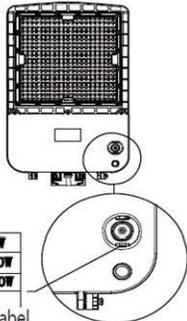
**Application:** Commercial and industrial outdoor lighting, including parking lots, buildings and facades, storage yards, parks, and more.

### Certification



### Flexible Feature

#### Watt Adjustable at installation



#### Rotatable Lens



### Feature

- **High-Efficiency LED Driver:** Wide input voltage AC 120–277V / 277–480V for flexible installation.
- **Surge Protection:** 6kV protection for reliable performance.
- **Durable Aluminum Housing:** Optimized for heat dissipation, easy maintenance; LED junction < 185 °F.
- **Advanced Optics:** Brighter, uniform illumination.
- **Smart Controls:** Works with photocell and PIR sensors for automated, energy-efficient operation.

### Mounting Bracket

<b>SF</b> Slip Fitter		<b>Arm</b> Fixed Arm Bracket	
<b>T</b> Trunnion		<b>Universal</b> Adjustable Arm with Pole Hole	

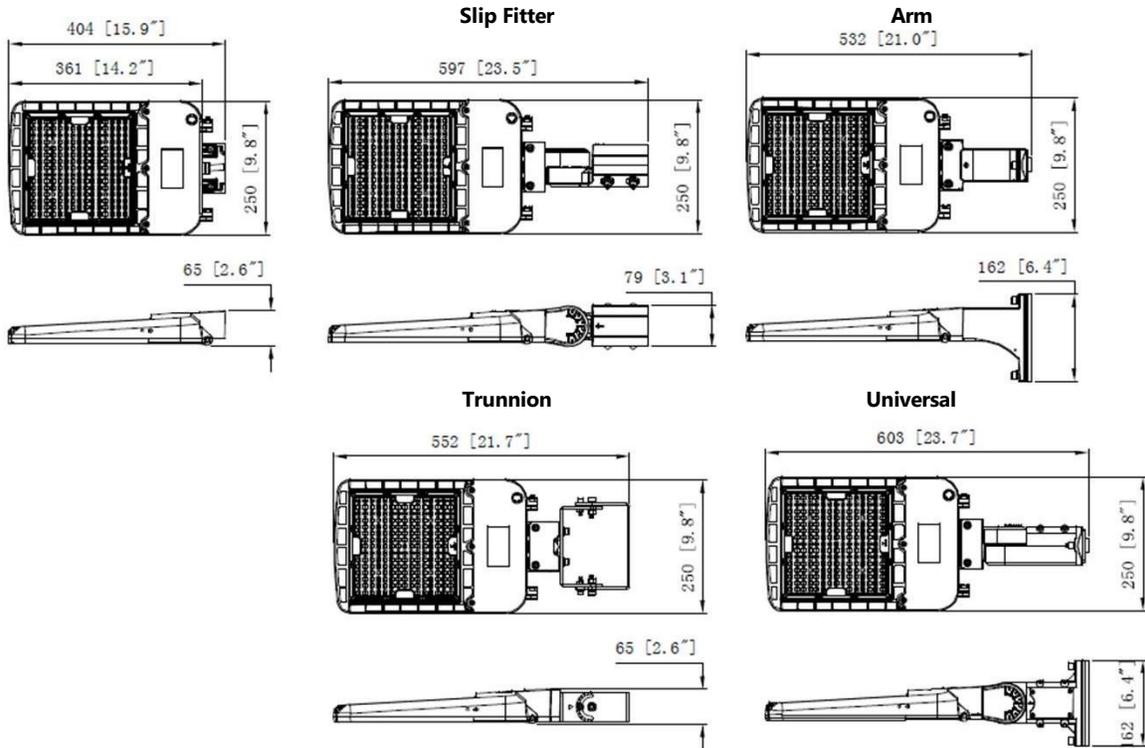
### Specifications

Model	AL02-150W-5000K	AL02-200W-5000K	AL02-300W-5000K	AL02-300W-5000K
Wattage	70W/100W/150W	100W/150W/200W	200W/240W/300W	
CCT	5000K	5000K	3000K-4000K-5000K Selectable	
Input Current	1.65A Max	2.2A Max	3.3A Max	
Lumen Output	22007lm Max (DLC#S-X690CD)	26947lm Max (DLC#S-O9CZI2)	44288lm Max (DLC#S-K1Q5N2)	43453lm Max (DLC#S-JQBSQL)
Input Voltage	AC120-277V			AC277-480V
Lighting Efficiency	150 Lm/W	140 Lm/W	150 Lm/W	
Lighting Angle	Type III			
Dimming	0-10V dimmable			
Color Rendering Index	Ra>80			
Working Temperature	~40°F ~+113°F / ~40°C ~+45°C			
Environment Location	WET LOCATIONS (IP65)			
Power Factor	> 0.9			
Life Span	Lumen Maintenance over 70% @ 50,000+ Hours (5-year limited warranty)			
Lamp Shell	Dark Bronze			
Accessories Option	<b>PC:</b> Photocell Control / <b>MS:</b> PIR Motion Sensor			

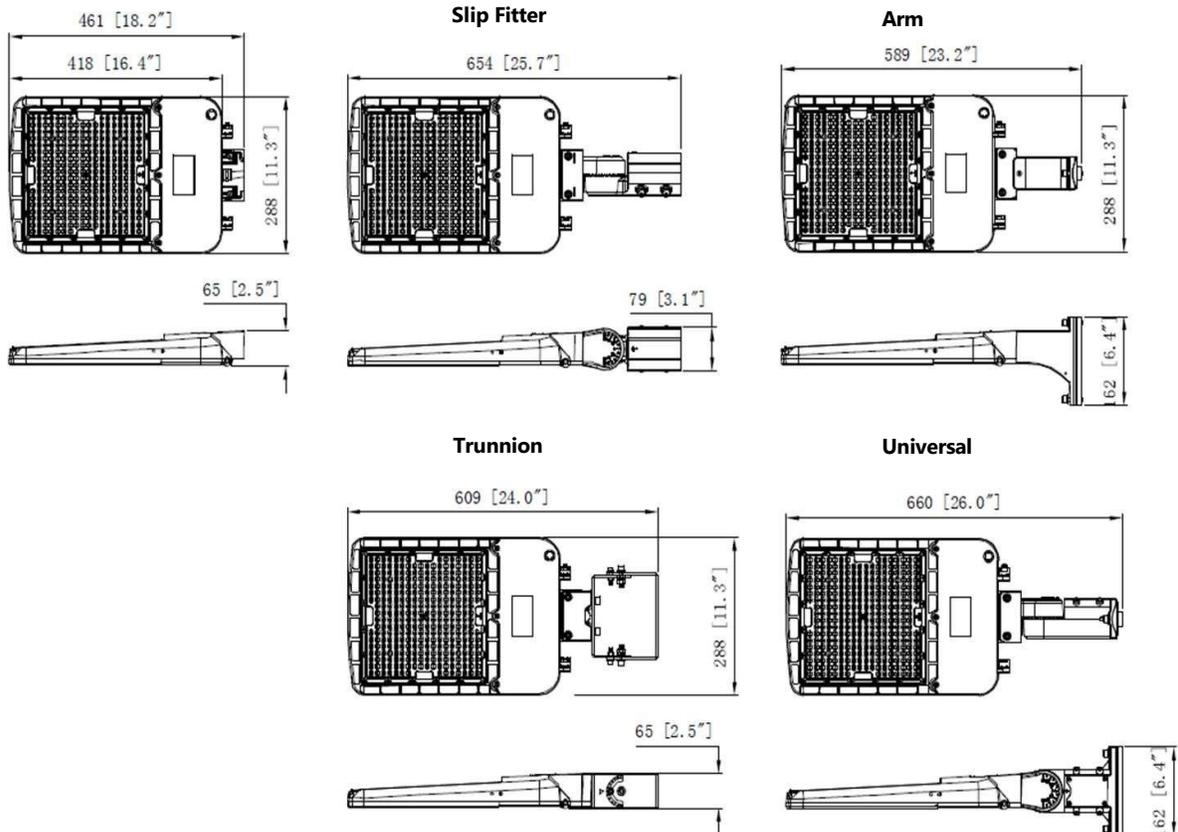
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### Dimensions

#### AL02-150W-5000K



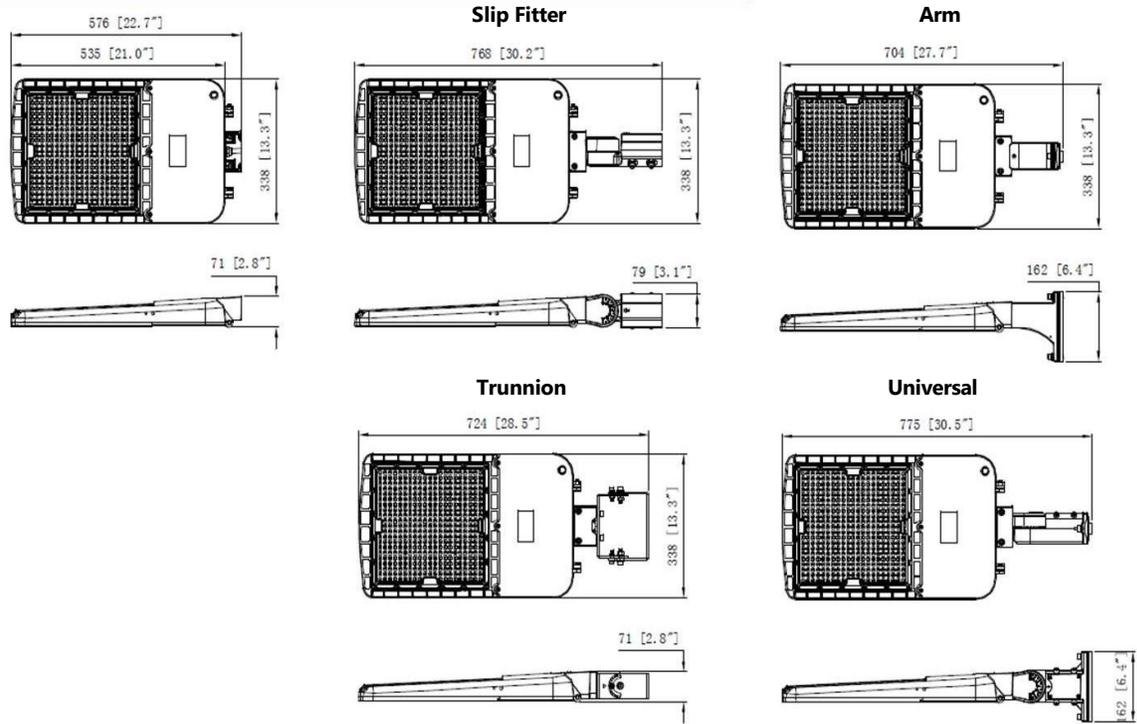
#### AL02-200W-5000K



## LED SHOEBOX/ AREA LIGHT – AL02 Series

### Dimensions

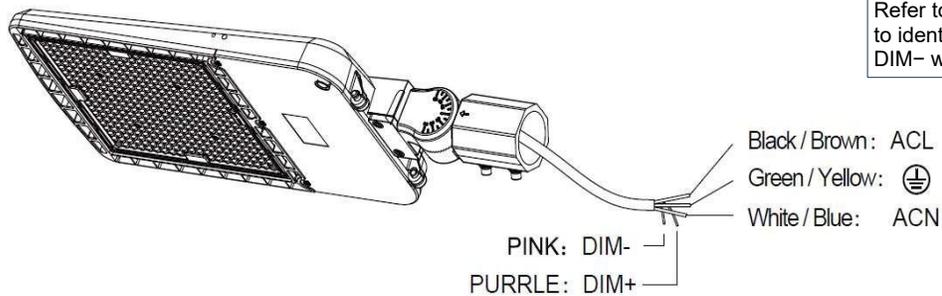
#### AL02-300W-5000K



### Effective Projected Area (EPA) in ft<sup>2</sup>

Mount \ Watt	150W	200W	300W
<b>With Slip Fitter</b>	1.39	1.89	2.69
<b>With Arm Mount</b>	1.29	1.79	2.59
<b>With Trunnion</b>	1.28	1.78	2.58
<b>With Universal Mount</b>	1.39	1.89	2.69

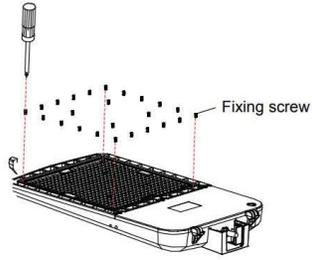
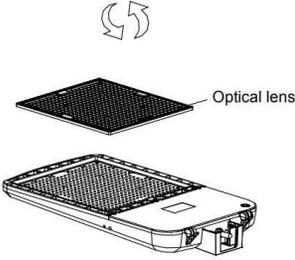
### Installation



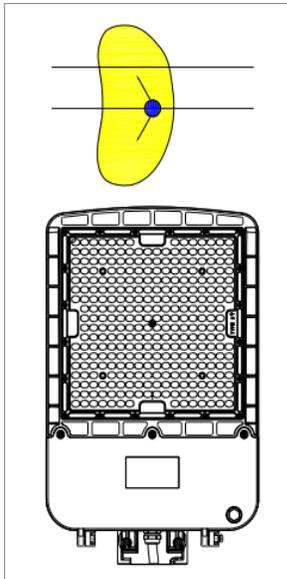
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### Installation

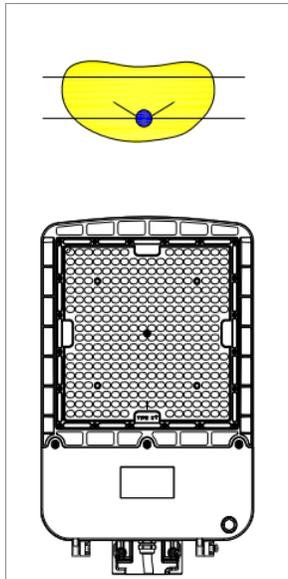
#### Operating Instructions for the Rotating Optical Lens

<p>Step 1. First loosen the screws on the lens screws (total 24PCS), as shown in the figure;</p> 	<p>Step 2. Remove the optical lens, rotate it clockwise or counterclockwise to a desired angle, as shown in the figure;</p> 	<p>Step 3. Put back the adjusted optical lens, lock screws back, as shown in the figure.</p> 
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**The lens rotates 90° counterclockwise:**



**Type III:**



**The lens rotates 90° clockwise:**

