



LED SHOEBOX/ AREA LIGHT – AL02 Series

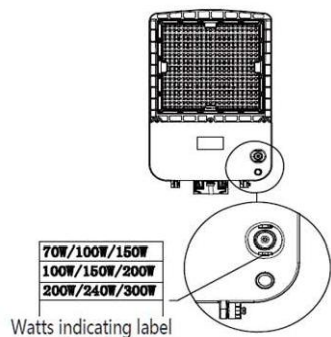


Certification

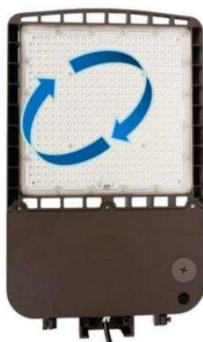


Flexible Feature

Watt Adjustable at installation



Rotatable Lens



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

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

SF
Slip Fitter



Arm
Fixed Arm Bracket



T
Trunnion



Universal
Adjustable Arm
with Pole Hole



Specifications

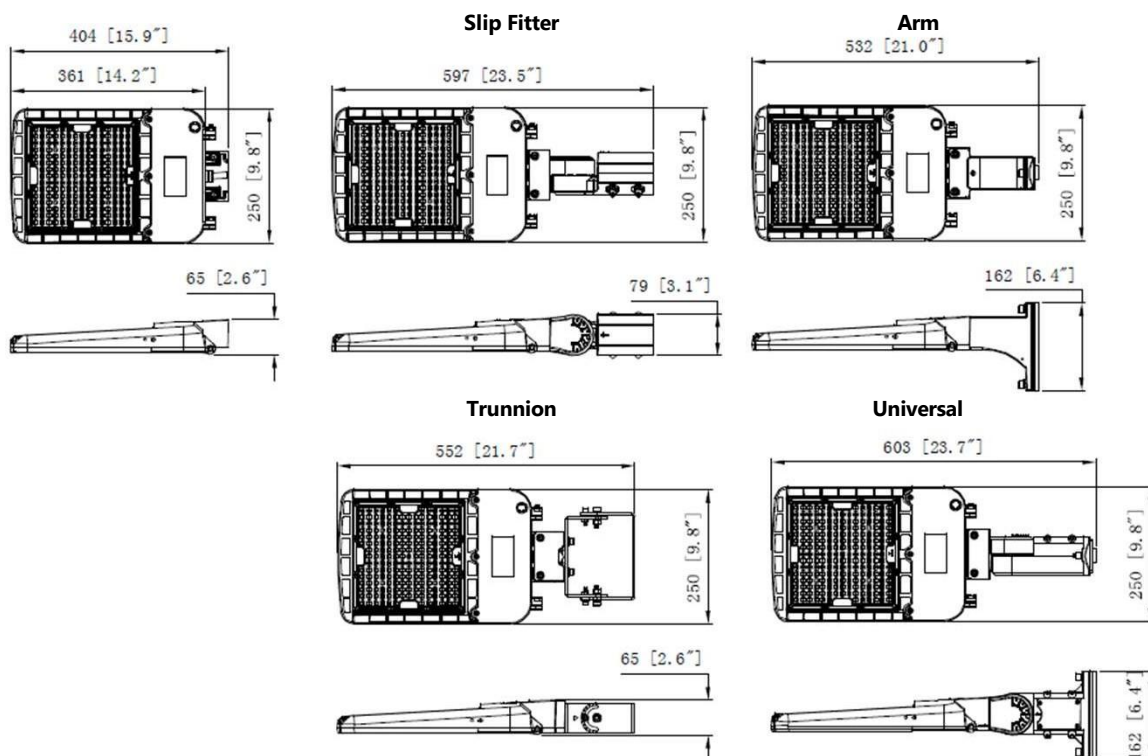
Model	HYA-AL02-150W-H3-50K-TW	HYA-AL02-200W-H3-50K-TW	HYA-AL02-300W-H3-TWCCT	HYA-AL02-300W-H3-HV-TWCCT
Wattage	70W/100W/150W	100W/150W/200W	200W/240W/300W	
CCT	5000K	5000K	3000K-4000K-5000K Selectable	
Input Current	1.65A Max	2.2A Max	3.3A Max	
Lumen Output	22007lm Max (DLC#S-X690CD)	26947lm Max (DLC#S-O9CZI2)	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	PC: Photocell Control / MS: PIR Motion Sensor			



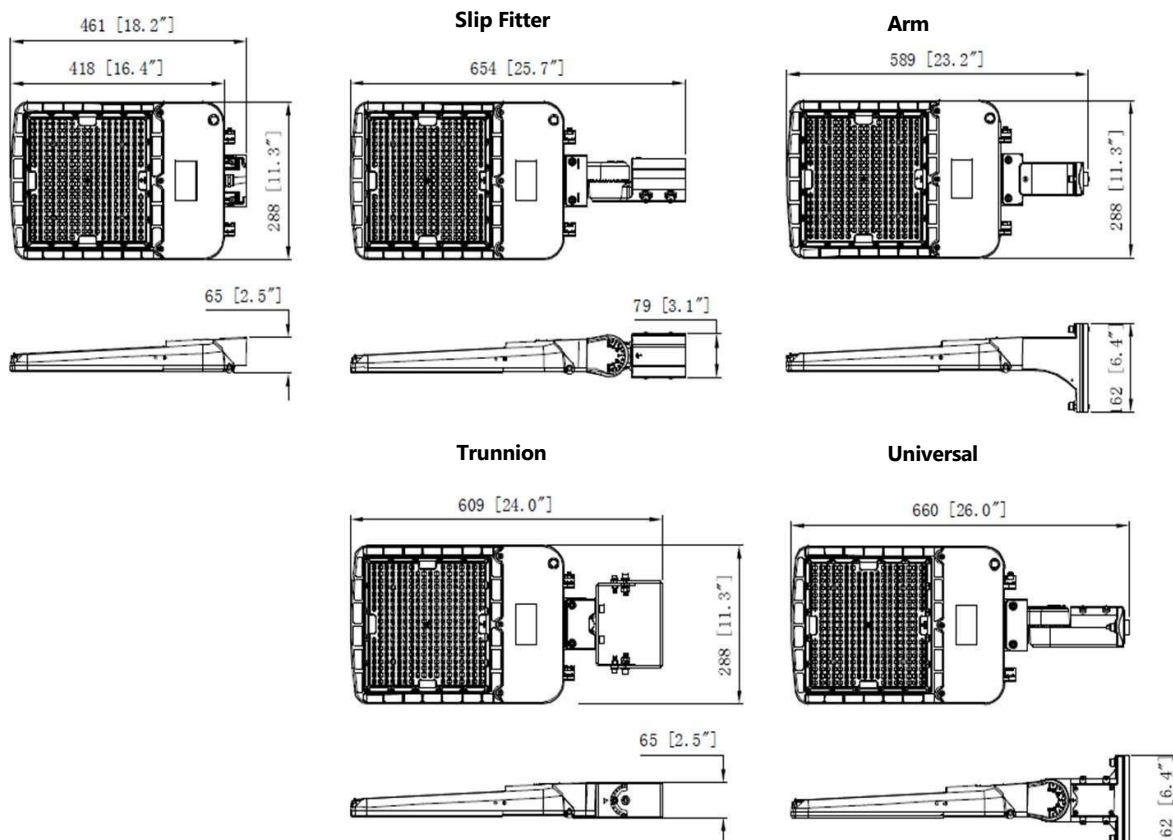
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Dimensions

HYA-AL02-150W-H3-50K-TW



HYA-AL02-200W-H3-50K-TW

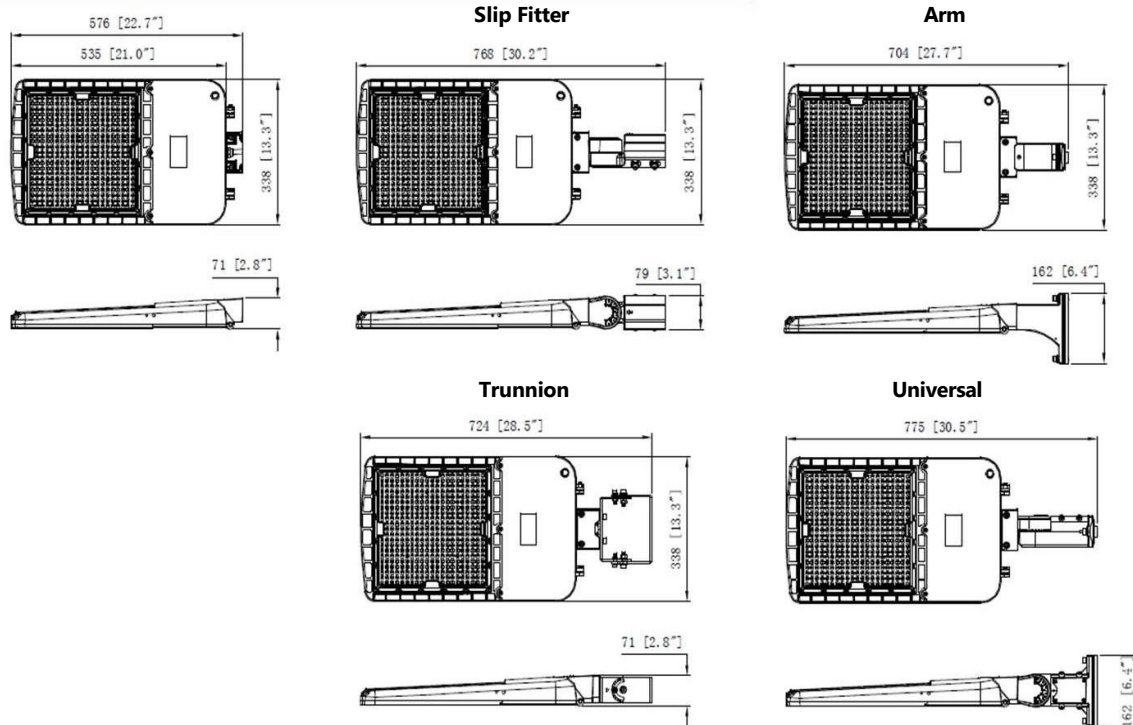




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Dimensions

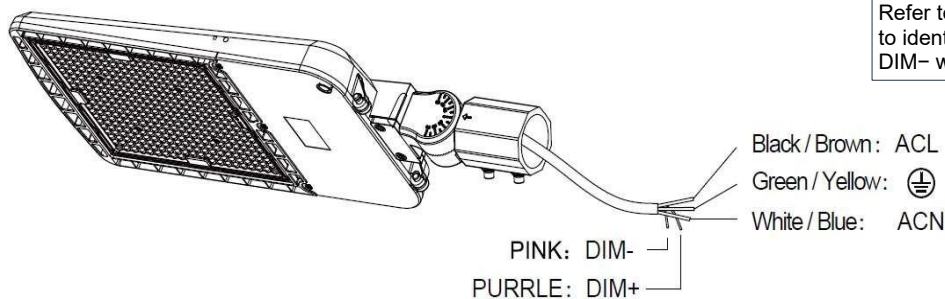
HYA-AL02-300W-H3-TWCCT / HYA-AL02-300W-H3-HV-TWCCT



Effective Projected Area (EPA) in ft²

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

Installation



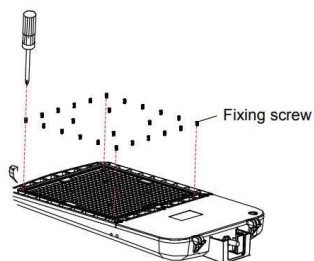


LED SHOEBOX/ AREA LIGHT – AL02 Series

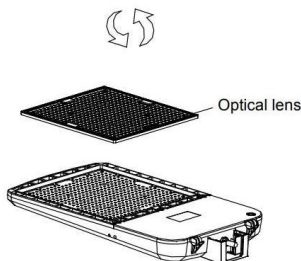
Installation

Operating Instructions for the Rotating Optical Lens

Step 1. First loosen the screws on the lens screws (total 24PCS), as shown in the figure;



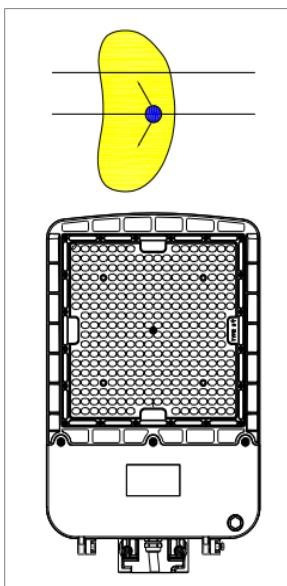
Step 2. Remove the optical lens, rotate it clockwise or counterclockwise to a desired angle, as shown in the figure;



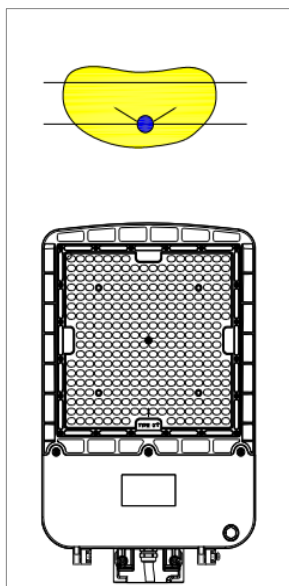
Step 3. Put back the adjusted optical lens, lock screws back, as shown in the figure.



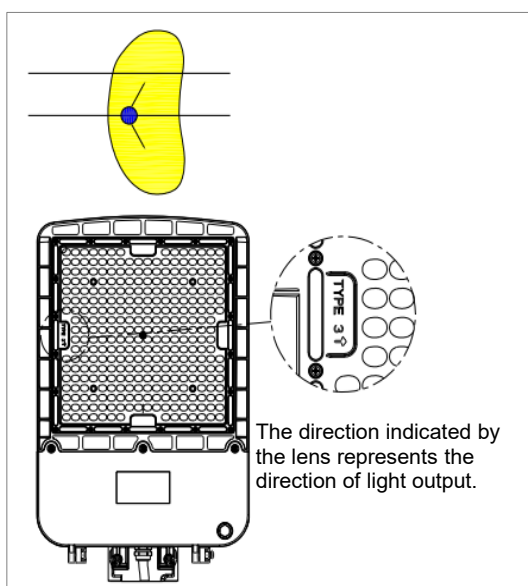
The lens rotates 90°
counterclockwise:



Type III:



The lens rotates 90°
clockwise:



The direction indicated by
the lens represents the
direction of light output.