HONYA Lighting

Project Name: _____
Date: _____Note:_____

LED SHOEBOX/ AREA LIGHT – AL03 Series



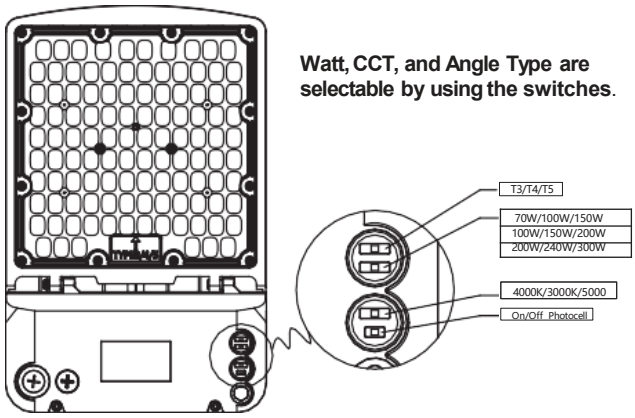


Application: Commercial and industrial outdoor lighting, including parking lots, buildings and facades, storage yards, parks, and more.

Certification

DLC LISTED PREMIUM | UL CERTIFIED E500270 | 120-277V VOLTAGE | Dusk to Dawn Photocell | Wet Location | CCT Selectable | Wattage Selectable | 5 Years Limited Warranty

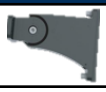
Flexible Features



Features

- **Field-switchable: distribution, wattage, CCT**
Adjust light distribution (Type III, IV, or V), power output, and color temperature (3000K / 4000K / 5000K) via switches for maximum on-site flexibility.
- **High-efficiency driver (120–277V) with surge protection**
Wide input voltage range with built-in 6kV surge protection ensures reliable, long-term performance.
- **Sensor-ready with photocell and motion capability**
Includes built-in photocell and supports motion sensing, with optional PIR sensor for enhanced energy savings and control.
- **Flexible mounting options**
Compatible with optional mounting arms: Type A, Type C, and Type T for versatile installation.

Mounting Bracket

Type A Slip Fitter 	**Type B** Square/Round Pole Mount w/ SF 
Type C Square/Round Pole Mount 	**Type T** Trunnion 

Specifications

Model	HYA-AL03-150W-AH-TWCCT	HYA-AL03-200W-AH-TWCCT	HYA-AL03-300W-AH-TWCCT
Wattage	70W/100W/150W	100W/150W/200W	200W/240W/300W
Input Voltage	AC120-277V		
Lumen Output (Max)	20352 lm	30312 lm	50341 lm
CCT	3000K-4000K-5000K Selectable		
CRI	Ra>70		
Lighting Angle	Type Ⅲ –Type Ⅳ–Type Ⅴ Switchable		
Housing Finish	Dark Bronze		
Mounting Height	25-40 ft	26-43 ft	≥40ft
Features	**PC:** Photocell Control (Pre-installed)/ **MS:** PIR Motion Sensor (Optional)		
Environment Rating	Wet Locations (IP65)		
Oper. Temperature	-40°F~+113°F/ -40°C~+45°C		
Storage Temperature	-40°F~+158°F/ -40°C~+70°C		
Life Span	Lumen Maintenance >70% @ 50,000+ Hours (5-year limited warranty)		
Certifications	UL, DLC		
Package Dimensions (in)	17.83 × 12.09 × 4.41	22.52 × 15.04 × 4.61	22.52 × 15.04 × 4.61
N.W./ Box (lb)	6.61	9.52	10.36
PC/Box	1		

Note: Performance may be affected by environmental conditions and specific applications. Specifications are subject to change without prior notice.

HONYA Lighting

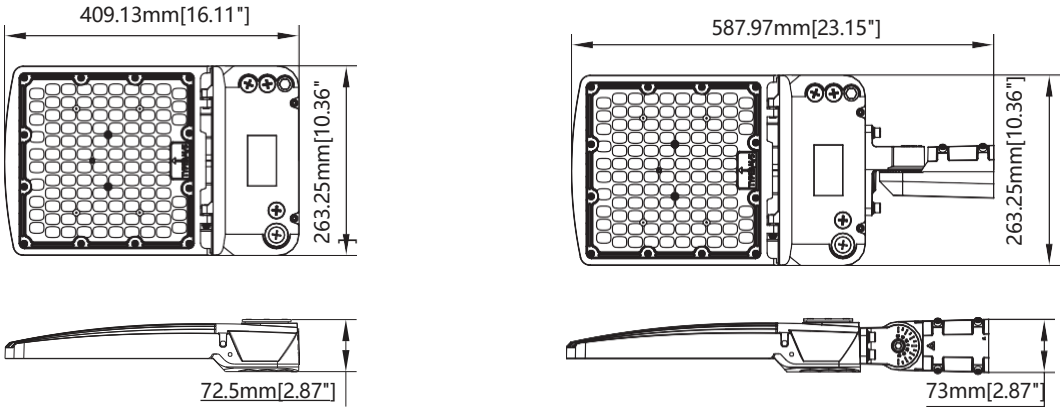
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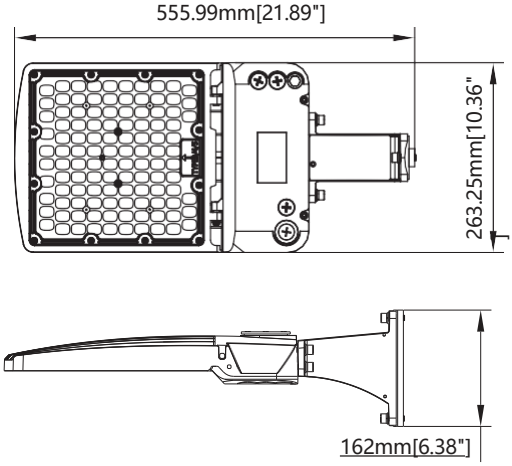
Dimensions

HYA-AL03-150W-H3-TWCCT

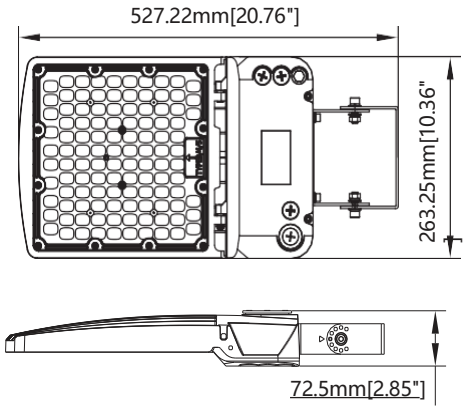
TYPE A



TYPE C

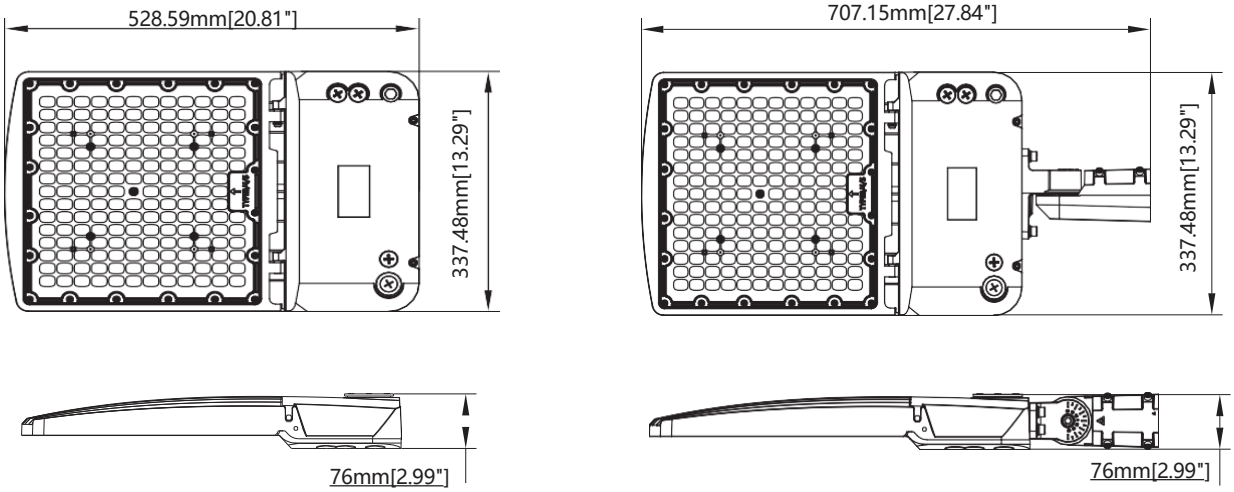


TYPE T



HYA-AL03-200W-AH-TWCCT / HYA-AL03-300W-AH-TWCCT

TYPE A



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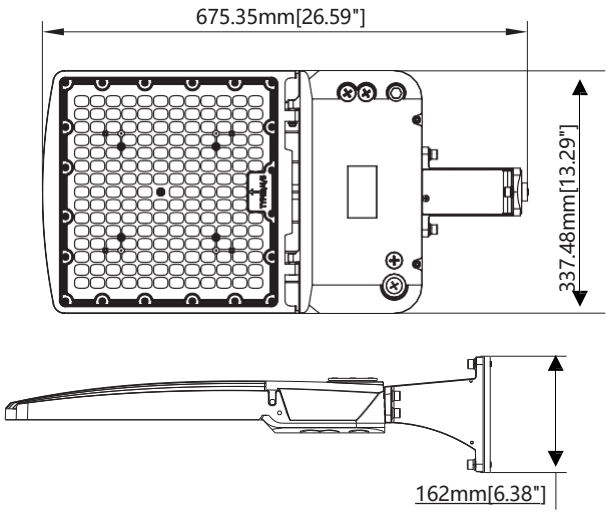
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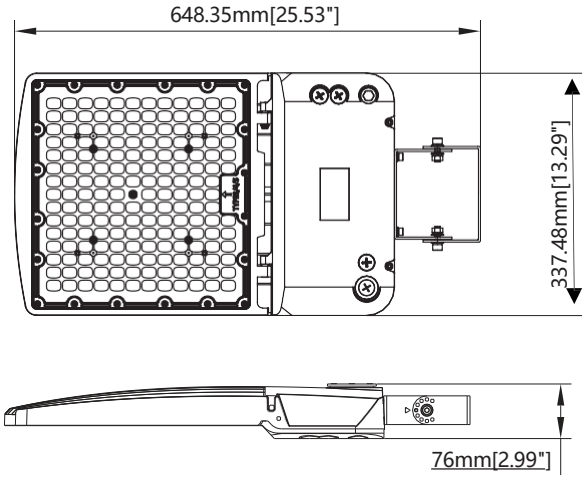
LED SHOEBOX/ AREA LIGHT – AL03 Series

Dimensions

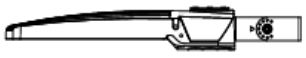
TYPE C



TYPE T



Effective Projected Area (EPA) in ft²

EPA(ft²)							
EPA Calcs (1.2*ft²) / View		Single	2@90	2@180	3@90	3@120	4@90
Mounting Type	Fixture Position (Wattage)						
 With Slip Fitter	Horizontal（150W）	0.462	0.809	0.989	1.284	1.515	1.284
	Horizontal（200/300W）	0.578	0.861	1.156	1.439	1.618	1.387
 With Fixed Arm	Horizontal（150W）	0.970	1.698	2.076	2.697	3.182	2.697
	Horizontal（200/300W）	1.178	1.755	2.356	2.933	3.298	2.827
 With Trunnion	Horizontal（150W）	0.411	0.719	0.880	1.143	1.348	1.143
	Horizontal（200/300W）	0.530	0.790	1.060	1.320	1.484	1.272
 With Universal	Horizontal（150W）	1.043	1.825	2.232	2.900	3.421	2.900
	Horizontal（200/300W）	1.254	1.868	2.508	3.122	3.511	3.010

Conditions: Horizontal winds only for calculations, Worst case total projected area used for calculations, All drag coeficients are set as worst case (Theoretical reference data)

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