



# HONYA Lighting

Project Name: \_\_\_\_\_

Date: \_\_\_\_\_ Note: \_\_\_\_\_

## LED SHOEBOX/ AREA LIGHT - AL Series



### Certifications



**Application:** Outdoor area lighting, parking lots, buildings, building facades, storage yards, parks and much more

### Feature:

- Cast aluminum design, better cooling and easy replacement, light quality, LEDTj<185 F
- Excellent optical design greatly improves the light utilization and evenness
- Seoul LED high luminous efficiency and long life
- High efficiency LED Driver, the wide range input voltage AC100-277V (1-10Vdc Dimmer)
- Superior thermal management with external Air-Flow Fins
- Ingress protection rating of IP65 for dust and water

### SPECIFICATIONS:

Model No.	HYA-AL-100W-H3-50K	HYA-AL-150W-H3-50K	HYA-AL-200W-H3-50K	HYA-AL-300W-H3-50K
Light Output	14100 lm	21150 lm	28200 lm	42300 lm
Wattage	100W	150W	300W	300W
Rated Current	1.1A	1.65A	3.3A	3.3A
Mounting Height	10' to 25'	15' to 30'	20' to 35'	25' to 40'
Lamp Bead Model	SEOUL 3030			
Driver	SOSEN			
Lighting Angle	TYPE III -M			
Lighting Efficiency	140 lm/W			
Color Rendering Index	Ra>70			
Working Temperature	-40 °F ~+122 °F / -40 °C ~ +40 °C			
Storage Temperature	-40 °F ~+158 °F / -40 °C ~ +70 °C			
Environment Location	IP 65 - Wet Location			
Lifespan	> 50000H			
Lampshell	DARK BROWN			
DLC ID	PL399WN86NW0	PLDR2UY1IVAD	PL140XZDTMTC	PLY9A3J0GO9X
Package Info	18.11"x14.37"x5.71"	19.84"x14.37"x5.71"	19.84"x14.37"x5.71"	27.7"x14.4"x5.7"
P/C Master Pack	1	1	1	1
Weight	8.27 LB	8.93 LB	15.5LB	16.32 LB

### ACCESSORIES

	Type	Image	Package Size (mm)	Order Code
Mounting Bracket	Slip Fitter		Single: 9.25"x4.3"x3.5"/2.95LB Master (8PCS): 14.96"x9.29"x10.04"	SF or Type A
	Arm-Square/ Round pole mount		Single: 6.9"x6.6"x3.94"/2.47LB Master (8PCS): 16.54"x13.86"x7.72"	Arm or Type C
	Trunnion		Single: 7.1"x7.1"x2.8"/2.91LB Master (8PCS): 14.80"x11.81"x7.87"	T or Type D
Sensor Option	Dusk to Down Photocell		Single: 3.3"x3.3"x4.13" Master (50 PCS): 17.5"x17.5"x9"	PTC
	Shorting cap		Single: 3.3"x3.3"x4.13" Master (50 PCS): 17.5"x17.5"x9"	NPC or Blank

## ORDERING CODE DEFINITION

**HYA-AL-(100W or 150W or 300W)-H3-50K-(PTC or Blank) - (A or C or D)** Example: HYA-AL-100W-H3-50K-PTC

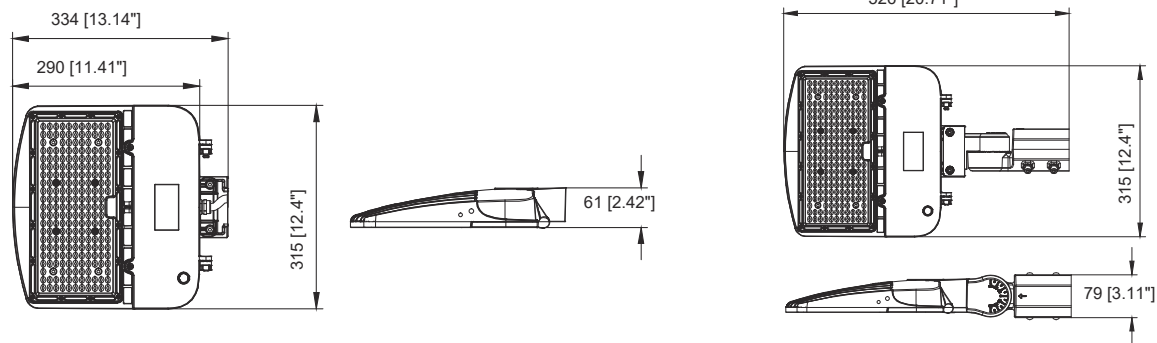
Company Code	Product	Power	Beam Angle	CCT	Sensor Option **	Mounting Bracket *
HYA	AL: AL Series Shoebox/Area Light	100W	H3: Standard / Type III	5000K	PTC: Dusk to down photocell NPC/Blank: Shorting Cap/No photocell function	Type A/SF: Slip Fitter Type C/Arm: Square/Round pole mount Type D/T: Trunnion Mount
		150W				
		200W				
		300W				

\* Yoke/U Bracket only available for 100W/150W fixture. \*\* Sensor and mounting bracket is required for each fixture

## PRODUCT DIMENSIONS

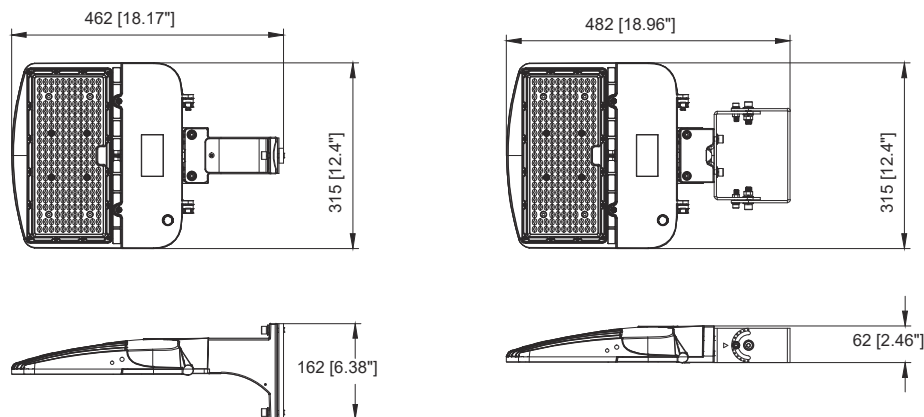
### 100W

#### SF- Slip Fitter



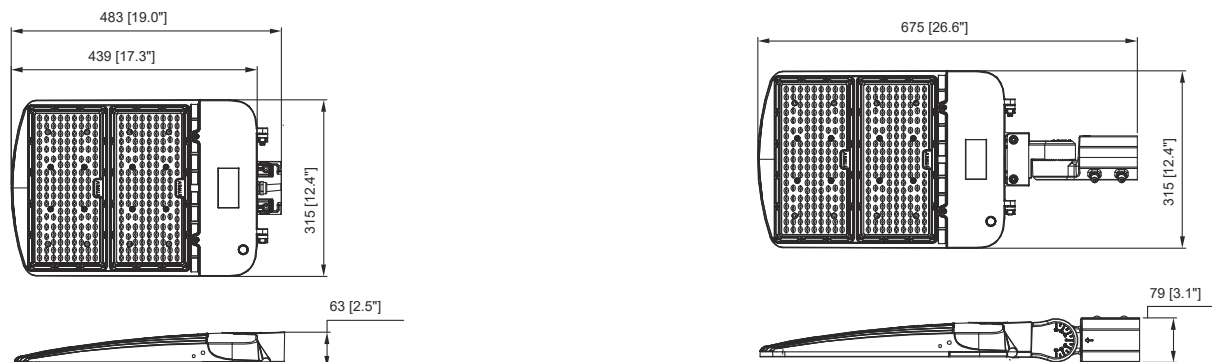
#### Arm-Square/Round pole mount

#### T-Trunnion



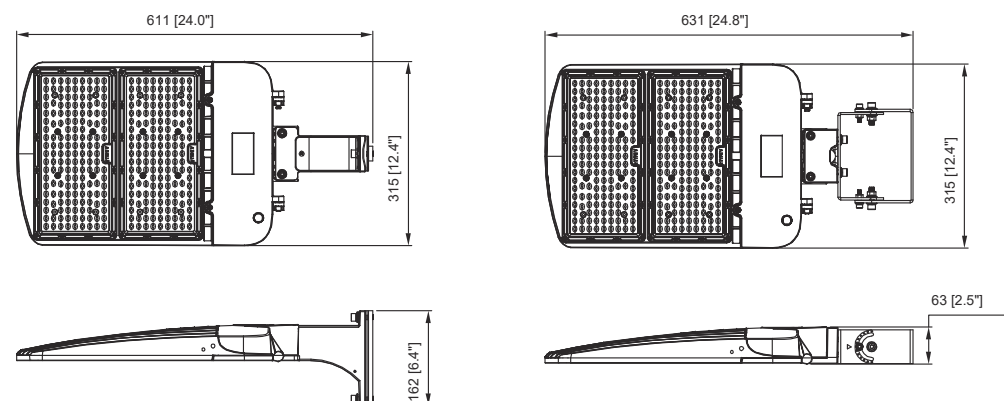
### 150W & 200W

#### SF- Slip Fitter



#### Arm-Square/Round pole mount

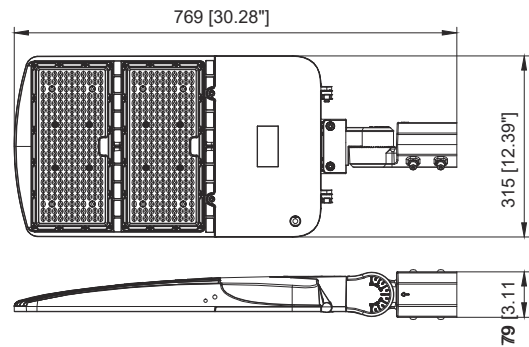
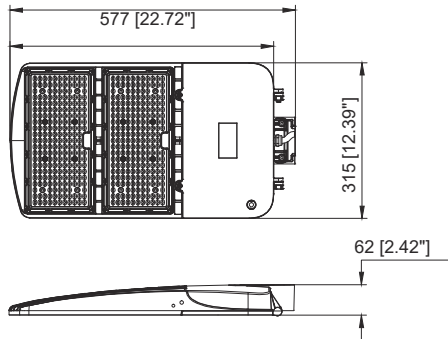
#### T-Trunnion



## PRODUCT DIMENSIONS

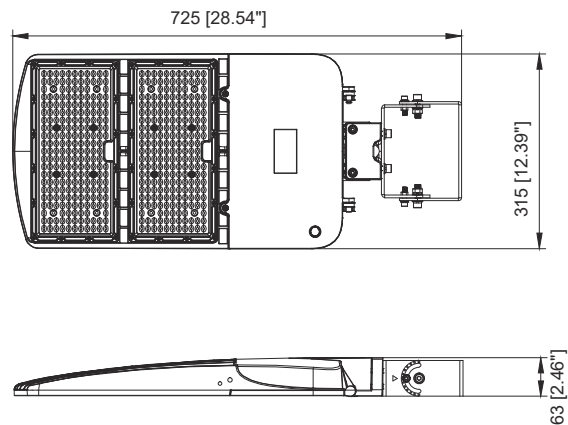
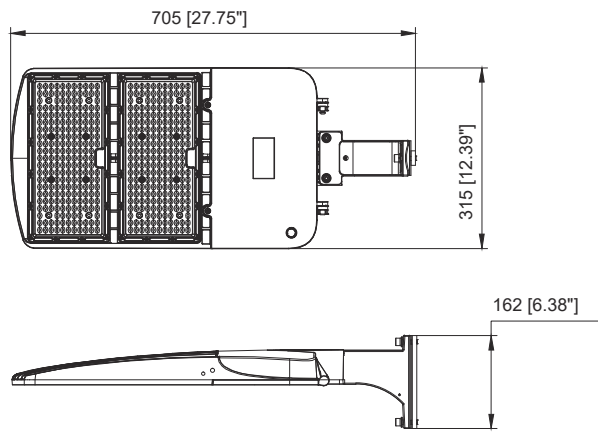
300W

SF- Slip Fitter

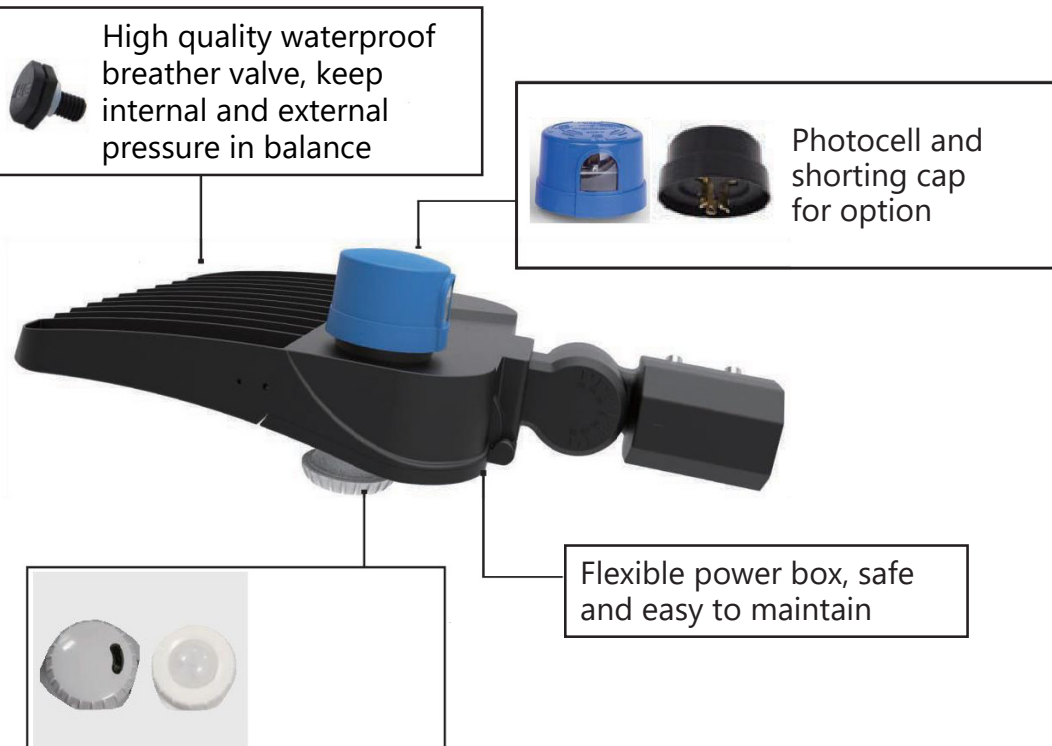


Arm- Square/Round pole mount

T-Trunnion



## EXPANSION FUNCTION



## INSTALLATION INSTRUCTION

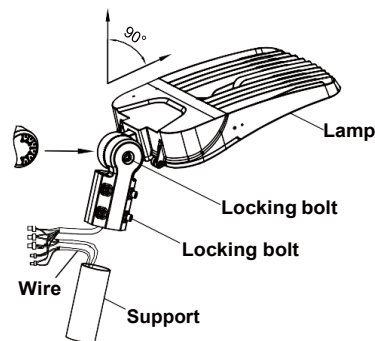
### Slip-fitter

Step 1: Loosen the 4 screws on the lamp holder, connect the wires correctly and put the wires into the lamp pole, then lock the screws well to fix the lamp on the lamp pole.

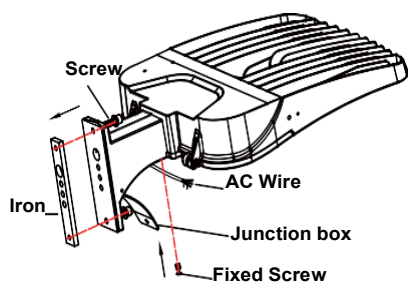
Step 2: Loosen the locking bolt with tools, rotate the lamp and lock the screw after determining required angle.

Notice: Locking bolt can be only compatible with a lamp pole that the outer diameter is

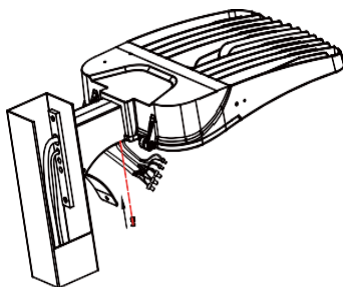
Φ60, lamp adjustable angle is 0-90°



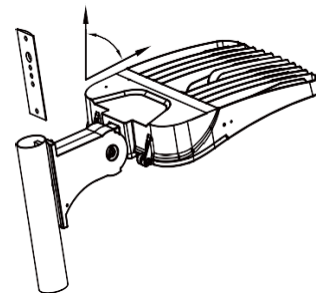
### Arm-Square/Round pole mount



Step 1. Use tools to take screw apart and put installed iron bar away, remove fixed screw and open junction box, then pass the AC wire through it.

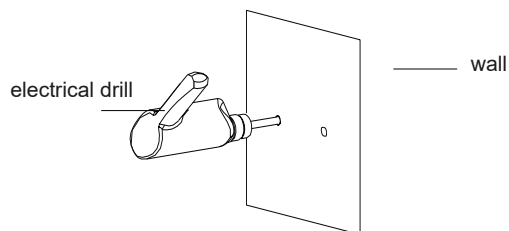


Step 2. Use tools to fix the lamp on square lamp pole, connect the wires correctly and make waterproof measures well, close the junction box and finish installation.

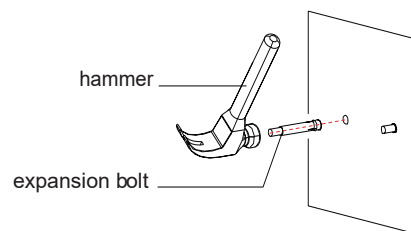


Notice: Remove the rubber mat when the lamp is installed on round lamp pole.

### Trunnion



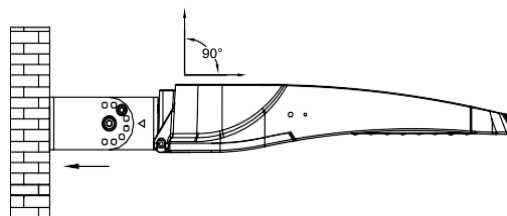
Step 1. Mark the position of the fixing holes with foold lightbracket, then drill the fixing holes.



Step 2. Input two expansion bolts.

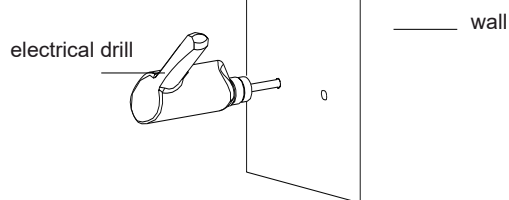
Step 3: Waterproof measures must be taken after connecting the wire correctly, install the lamp well after putting the wires back into the trunking.

Attention: Lamp adjustable angle is 0-90°

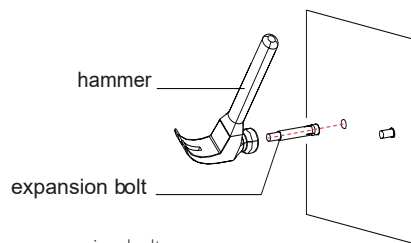


## INSTALLATION INSTRUCTION

### Yoke



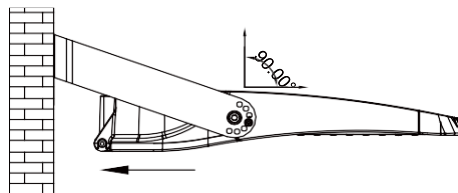
Step 1. Mark the position of the fixing holes with foold lightbracket, then drill the fixing holes.



Step 2. Input two expansion bolts.

Step 3: Waterproof measures must be taken after connecting the wire correctly, install the lamp well after putting the wires back into the trunking.

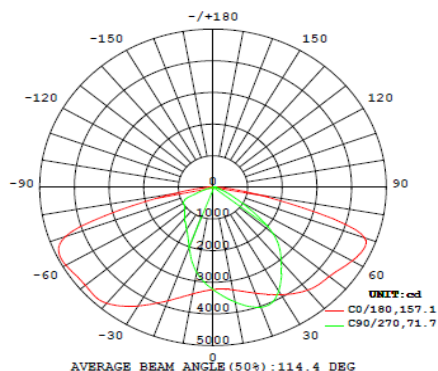
Attention: Lamp adjustable angle is 0-90°



## PHOTOMETRIC REPORT

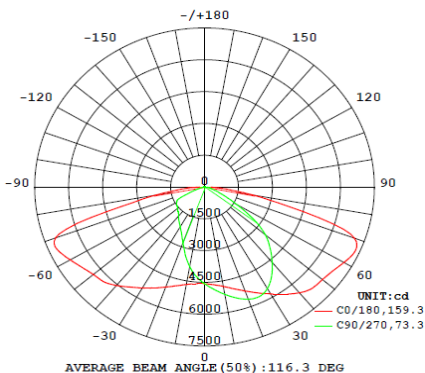
### 100W

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



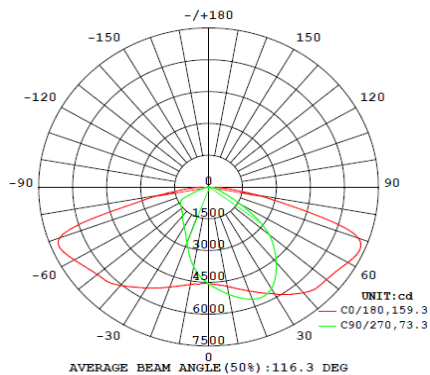
### 150W

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



### 200W

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



### 300W

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS

