



Benefits

1. Replace conventional Area Lights
2. Precision Die Cast Aluminum Housing
3. Fade Resistant Powder Coat Finish
4. Easy Installation
5. CE ROHS listed



A



B



C

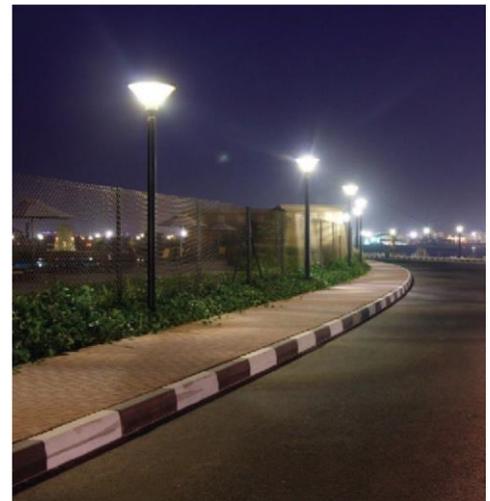
Features

1. Beam angle: 120 degrees.
2. Aluminum die-casting heat sinks is good for heat dissipation.
3. It's major to replace the conventional area light.
4. Green, energy saving, long and reliable life of 50,000 hours.
5. No RF interference, No IR/UV radiation, no mercury pollution.
6. Wide color availability in degrees Kelvin (K), 2700-6700K.
7. Streamline exterior design, beautiful appearance.
8. Environment friendly, energy saving (70~80%).
9. Special circuit design, each LED work separately, avoiding the single broken LED influence problem.



Application

1. Area roadway/roadway lighting.
2. Parking areas lighting.
3. Airports lighting.
4. Streetscapes lighting.
5. Campuses lighting.

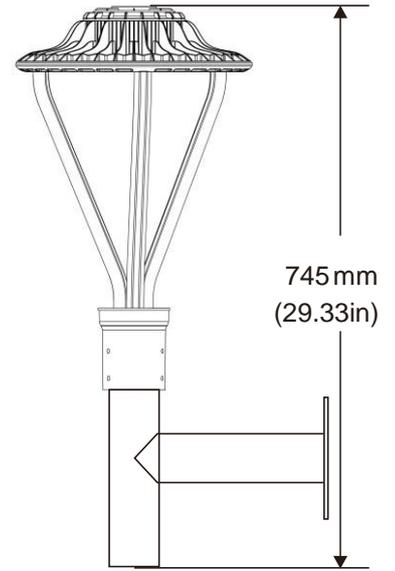
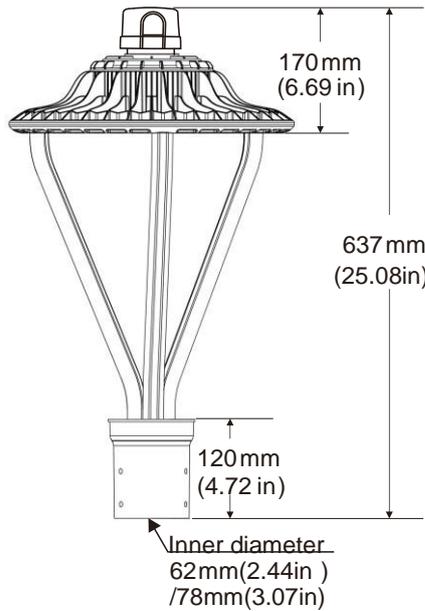
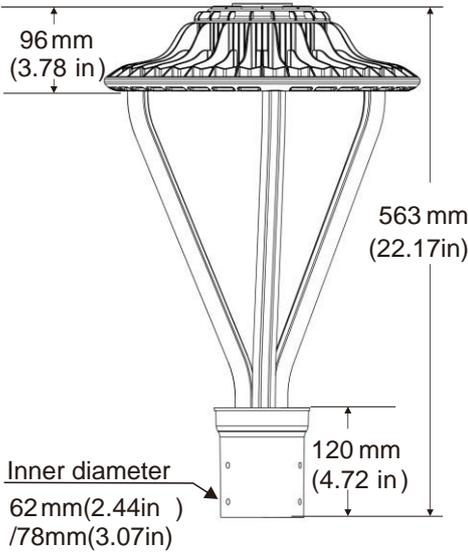


SPECIFICATIONS

Power	30W	50W	75W	100W
Model	LAE-LD-30W-AR-B (-A/-B/-C)	LAE-LD-50W-AR-B (-A/-B/-C)	LAE-LD-75W-AR-B (-A/-B/-C)	LAE-LD-100W-AR-B (-A/-B/-C)
Luminous Flux	3900lm	6500lm	9750lm	13000lm
Replacement	HPS 100W	HPS 175W	HPS 200W	HPS 300W
Light Source	SMD LED			
Luminous Efficacy	130lm/w 150lm/w available			
Color	Black, Bronze, White (If the customer does not request, the default color is black)			
Cover	Frosted cover			
Accessories	Options: A. Pole bracket B. With Sensor C. Wall bracket			
Operation Temp.	-40 to +45°C			
CCT	2700K SW / 3000K WW / 4100K NW / 5000K DW / 5700K CW			
CRI	85			
Life Span	50,000 hours at 25°C			
Voltage	100-277VAC/50-60HZ			
Driver	UL listed power supply			
Dimming	No			
With Sensor	Daily sensor available			
Beam Angle	120°			
IP	67			
PF	>0.95			
Warranty	3Years			

DIMENSIONAL DRAWING

*If the customer does not specify a requirement, the inner diameter defaults to 62mm.

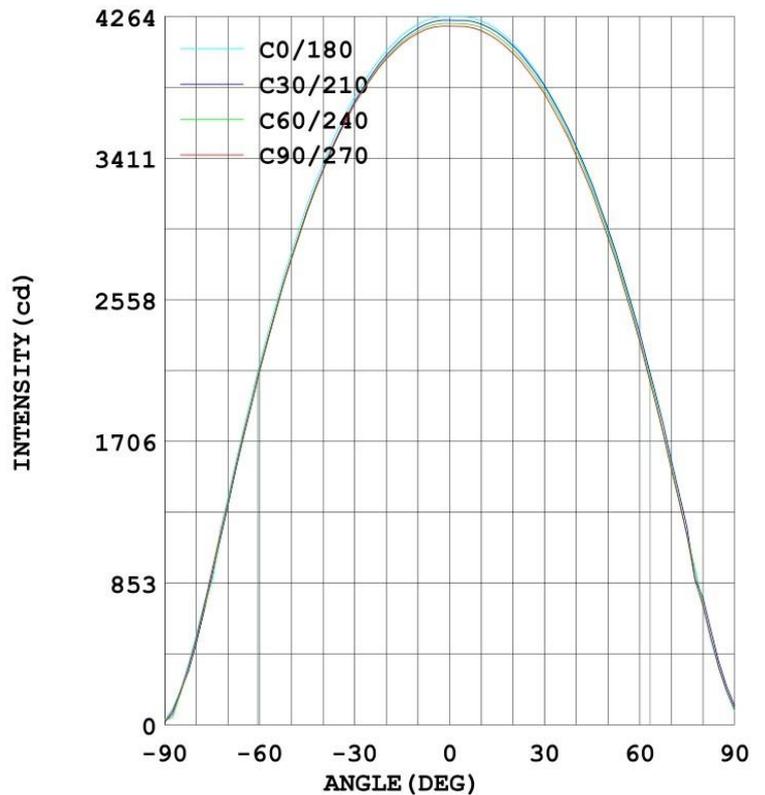
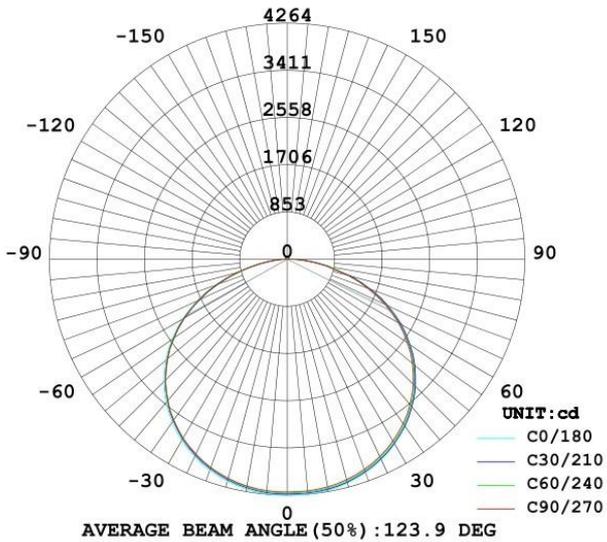


A

B

C

LUMINOUS INTENSITY DISTRIBUTION



PROJECTS

By using our 100W Area Light to replace 300W Metal Halide bulb for parking area lighting fixtures, the customer is now able to save a lot per month from his electric bill.



Replace

100W LED = 300W MH

Note:

- Don't take the LED lamp apart.
- The LED lamp must work under the right voltage according to the specification.

Fixture assembly

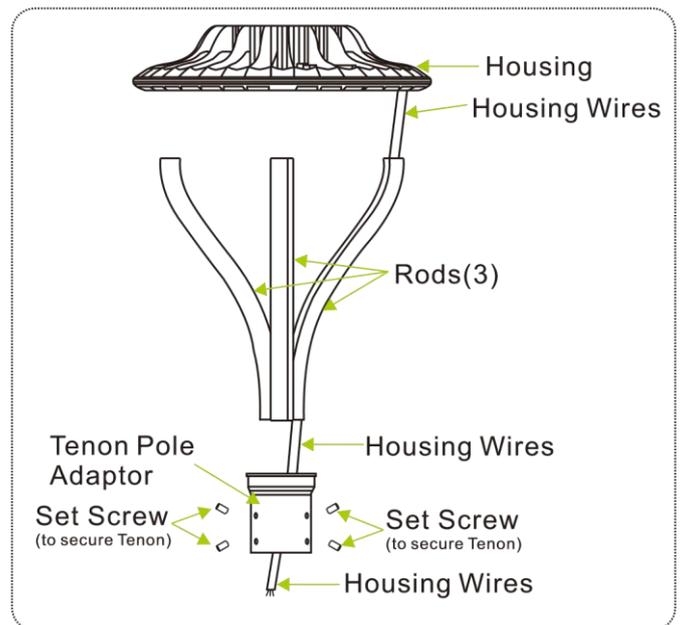
Step1: Feed the (3) Housing wires through one of the three Rods.

Step2: Clip the (3) Rods onto the Housing. Be sure the Housing clips are properly engaged onto the Rods.

Step3: Feed Fixture Wires through the Tenon Pole Adaptor.

Step4: Slide Tenon Pole Adaptor on three Rods. Be sure the notches face the inside of the Tenon Pole Adaptor.

Step5: Tighten the (3) Set Screws at the Tenon Pole Adaptor to secure Rods.



Pole mounting

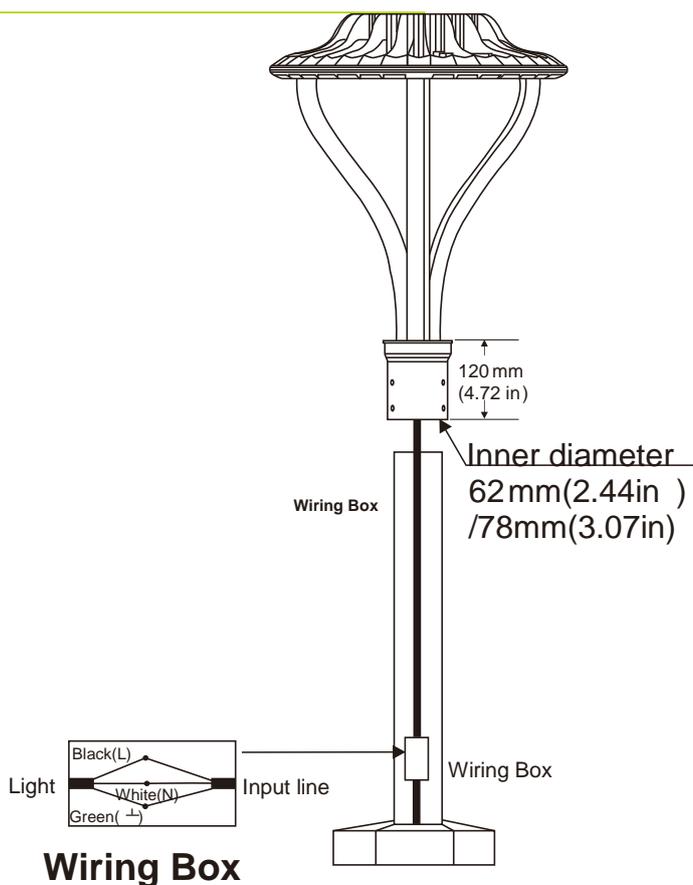
Step1: Turn off the power before installation.

INSTALLATION

Step2: Wiring right in the wiring box("Black" is connected to "L", "White" connect to "N", "Green" to "Ground") and set the lamp into the bracket by the

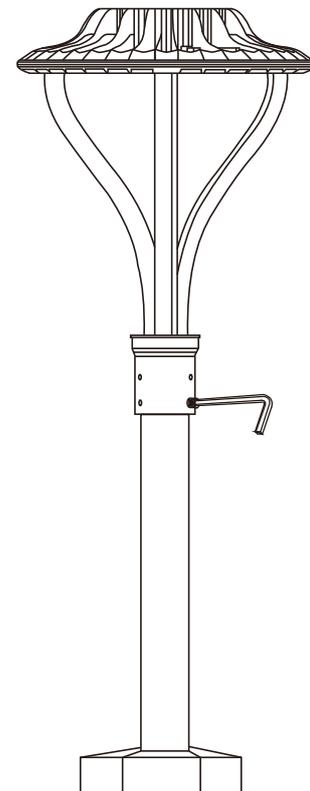
hole. (picture1).

Step3: We should fasten the four screws with a hex wrench, and finished(picture2).



Wiring Box

Picture1



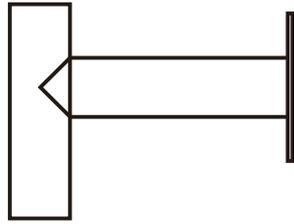
Picture2

Universal voltage driver permits operation at 100- 277VAC, 50/ 60Hz.

1. Connect the black fixture lead to the (+) LINE supply lead.
2. Connect the white fixture lead to the (-) COMMON supply lead.

3. Connect the green Ground wire from fixture to supply ground.

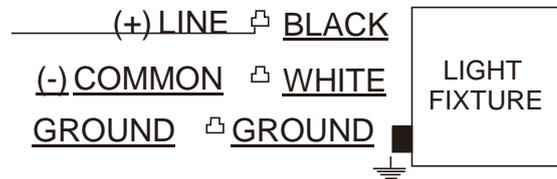
Wall mounting



Wall bracket



Wiring Optional Accessories



Model A: Pole bracket



Model B: With sensor



Model C: Wall bracket

PACKING INFO



Packaging	Carton Size(mm) (L*W*H)	N.W	G.W	Volume weight
1pc/CTN	420*365*180mm	6.0kg	7.5kg	7.5kg