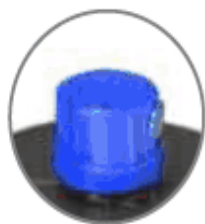# 300W SHOEBOX/AREA LIGHT

Versatile LED Shoebox fixture light with a 135 lumen per watt plus output is one of the most cost effective flood/area light on the market today. Comes Standart 2'' Fitter Arm, Optional 1-10v dimmable/ Photocell Sensor.

| Daylight Sensor | Microwave motion sensor | Slip Fitter | Round Pole | Square Pole | Trunnion |

Technical Parameters

Fixture housing	Aluminum + Optical PC Lens
Fixture Coulor	Bronze (standart) ; Gray; White
Mounting Arm	Optional Knuckle/ 2'' Slip fitter, Yoke mount, Trunnion Mount for Square/ Rou
Application projects	outdoor Roadways, Parking area, Corridors, Security, Sports ground, Stadium, plaza etc. outdoor area lighting projects.
Certificates	Approved UL&CUL (E476588), DLC , FCC, CE, RoHS
Warranty	5 Years

Electrical Parameters

ITEM	300W
Power Consumption	305W
LED Source	PHILIPS SMD3030 LED
Input Voltage Range	100-277VAC; 200-480VAC
Frequency Range	50/60Hz
Power Factor	>0.95
THD	<12%
Power line	UL SJTW 3G18AWG

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Optical & Efficiency Parameters

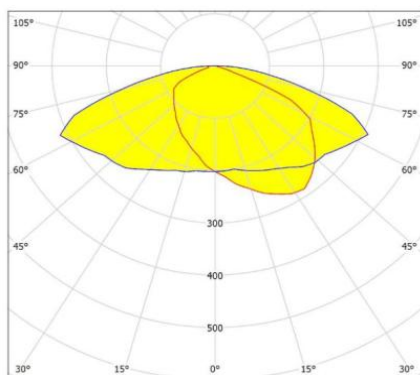|	
Beam Angle	TypeⅡ (120x65°), TypeⅢ(155x80°), TypeⅤ(90°)
Color Temperature	2700K--3200K, 4000K-4500K, 5000K-5500K, 5700K, 6000K-6500K
Lumen Efficiency	>135LM/W
Lumen Output	300W=40500lm
Color Rendering Index	CRI> 80Ra
IP Rating	IP66
IK Level	IK08
LED JT	< 69℃
Working Temperature	-25℃～ +50℃
Humidity	10%~90%RH
Life-span (L70)	>50,000Hrs

Options

PIR motion sensor/ Microwave motion sensor
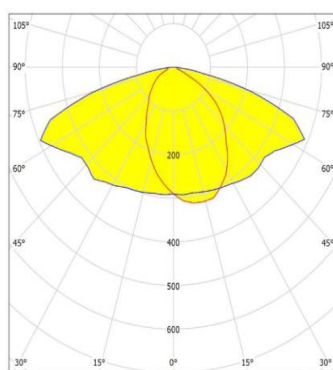Photocell Sensor (100-277VAC/ 347VAC)
Finish color: Bronze/ Grey/ White

Advantages

◆ Optional 1-10V dimmable, motion sensor functions
◆ High quality Aluminum Fixture, professional cooling design,better cooling LED Tj < 69℃.
◆ IP66 waterproof Rating
◆ Versatile- Flood or parking area etc. all kind of outdoor lighting projects
◆ Veriaty kinds mounting arms, suitable for difference poles mounting requirments.
◆ Special thermal design, reduce fixture weight and ensure good heat dissipation, lower luminous decay to extend life span of the leds.
◆ Anti-glare Lens, no UV, no IR, no mercury or other hazardous substances
◆ Very low rate of failure
◆ 5 years warranty
◆ Complete with a 10KA surge protector (100-277V) and 347V has built in input Surge protection 4KV line-line, 6KV line- earth
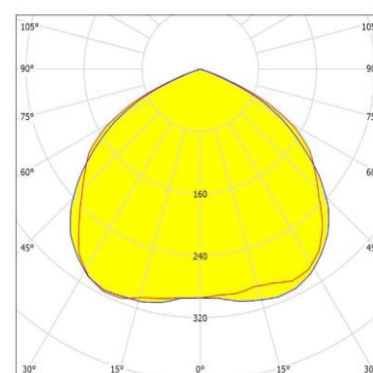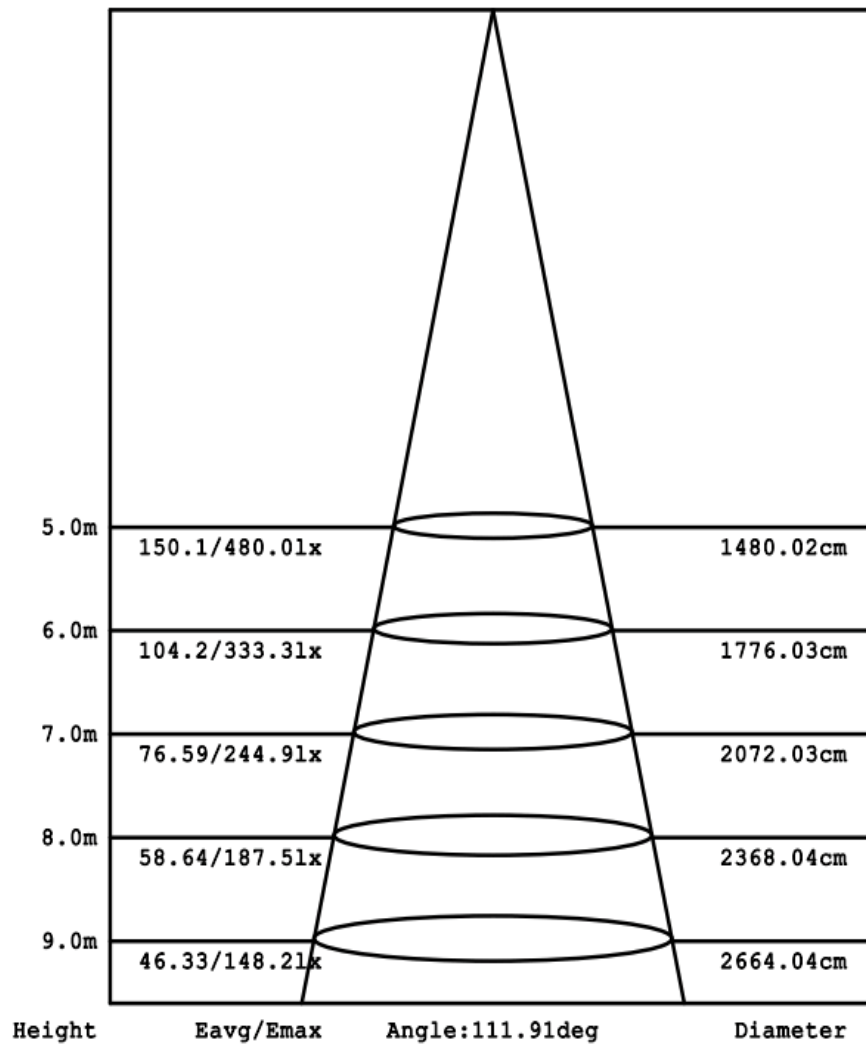
Optical Lens Type

TYPE Ⅱ

TYPE Ⅲ

TYPE Ⅴ

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Photometrics

```
5.0m   150.1/480.0lx                    1480.02cm
6.0m   104.2/333.3lx                    1776.03cm
7.0m   76.59/244.9lx                    2072.03cm
8.0m   58.64/187.5lx                    2368.04cm
9.0m   46.33/148.2lx                    2664.04cm

Height      Eavg/Emax    Angle:111.91deg    Diameter
```

Product Code Guide

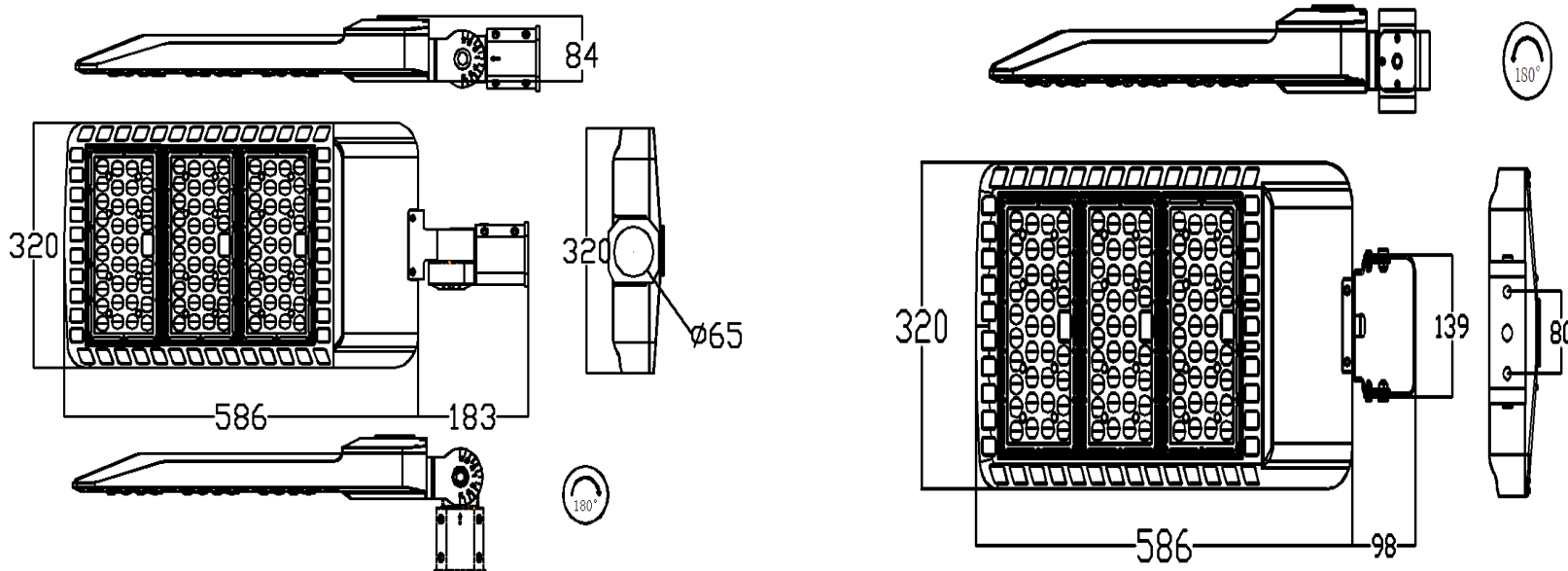| ITEM CODE	WATTAGE	CCT	VOLTAGE
SL- SHOEBOX LED LIGHT	300W	40K- 4000K	110V
		50K-5000K	120V
		55K-5500K	100-277V
		60K-6000K	200-480V
		65K-6500K	

SL	-	300w	-	40K/ 50K	-	120V/ 480
Item code		Watts		CCT	Voltage	

Example: SL-300W-50K-120 (Shoebox LED light , 300W, CCT 5000K, 120VAC)
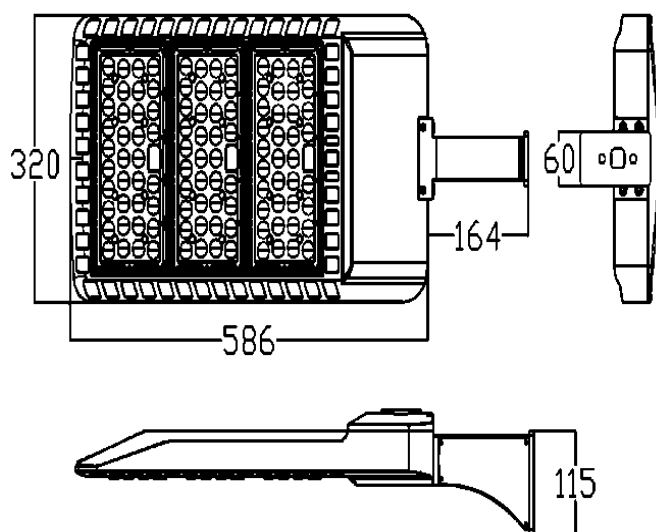
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Fixture Dimensions

Knuckle/ Slip Fitter Arm
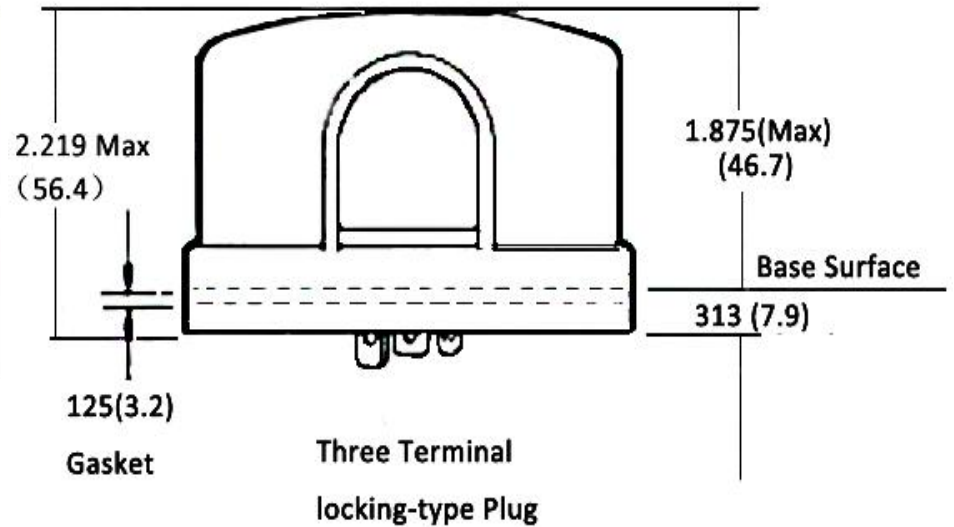

Yoke Arm

300W- Fix Arm

Packing Details

300W SHOEBOX/AREA LIGHT

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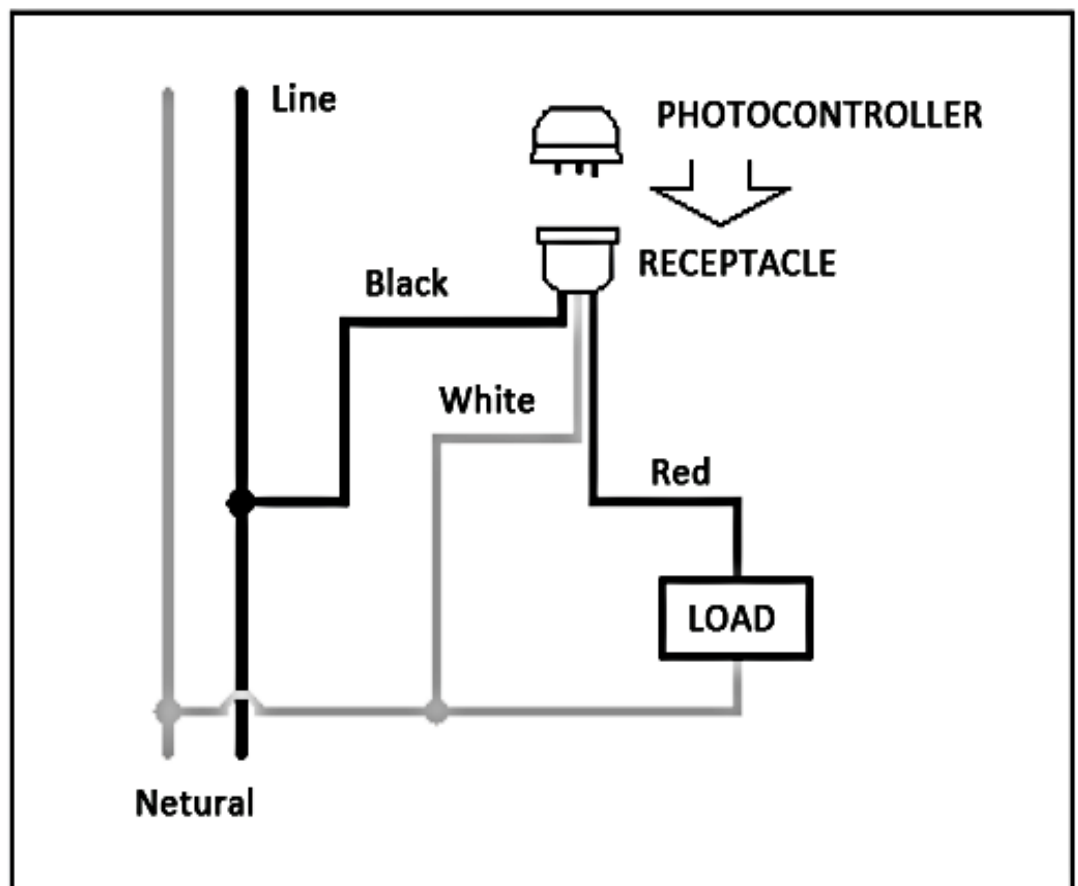
PHOTOCELL CONTROLLER

2.219 Max (56.4)

1.875(Max) (46.7)

Base Surface

313 (7.9)

125(3.2)

Gasket

Three Terminal locking-type Plug

Rated Voltage:	120-277VAC
Applicale Voltage:	105-305VAC
Rated Frequency:	50/60HZ
Rated Loading:	1000W Tungsten, 1800VA Ballast
Power Consumption	0.5W
Typical On/Off Level	16Lx On/ 24Lx Off
Ambient Temp.:	-40℃ ~ +70℃
Ralated Humidity:	99%/ 100% (IP67)
Overall Size:	84 (Dia.) X 66mm

INSTALLATION

Disconnect power; Wire the receptacle according to the diagram in right hand, Push the photocontroller on and twist it clockwise to lock it into the receptacle.
Install the photocontroller with the Photocell facing the NORTH direction as indicated on the top of the photocontroller. Adjust the receptacle position if necessary

Line

PHOTOCONTROLLER

RECEPTACLE
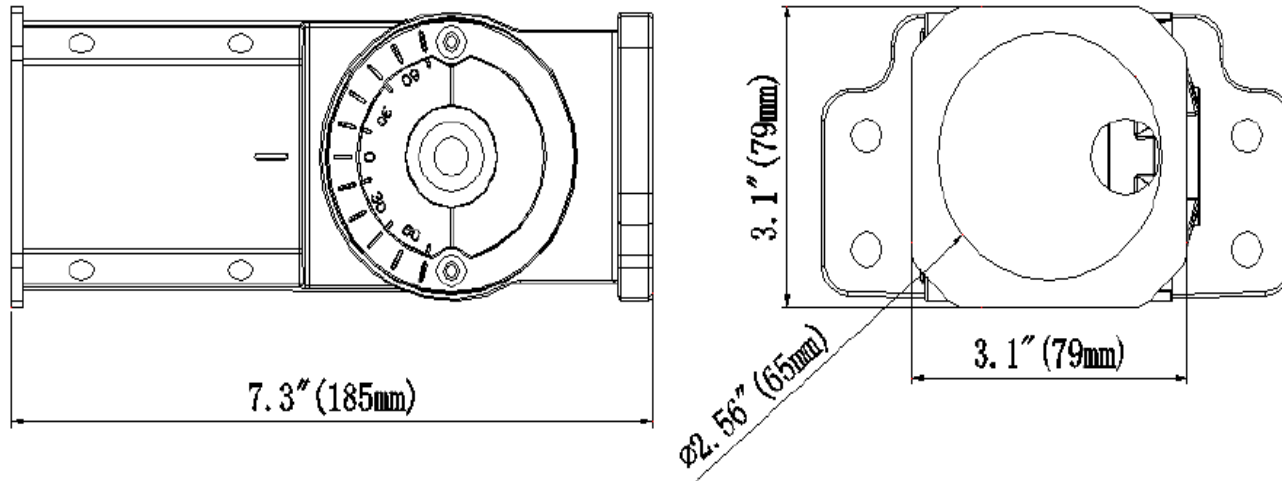
Black

White

Red

LOAD

Netural
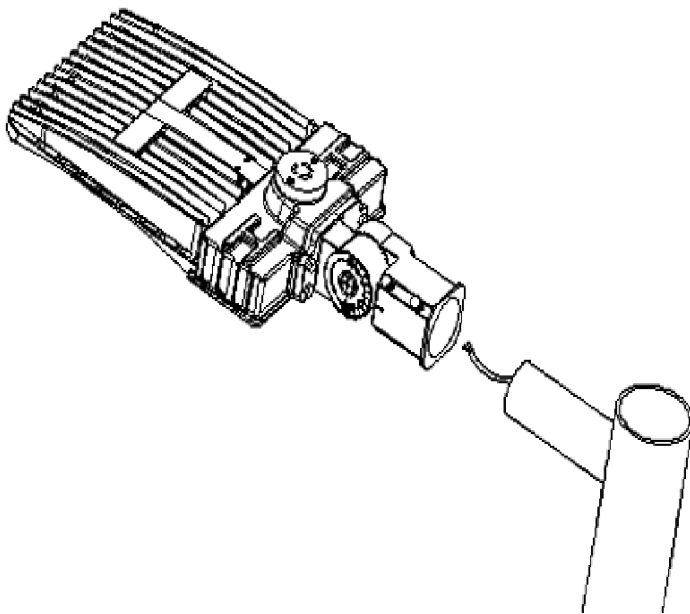
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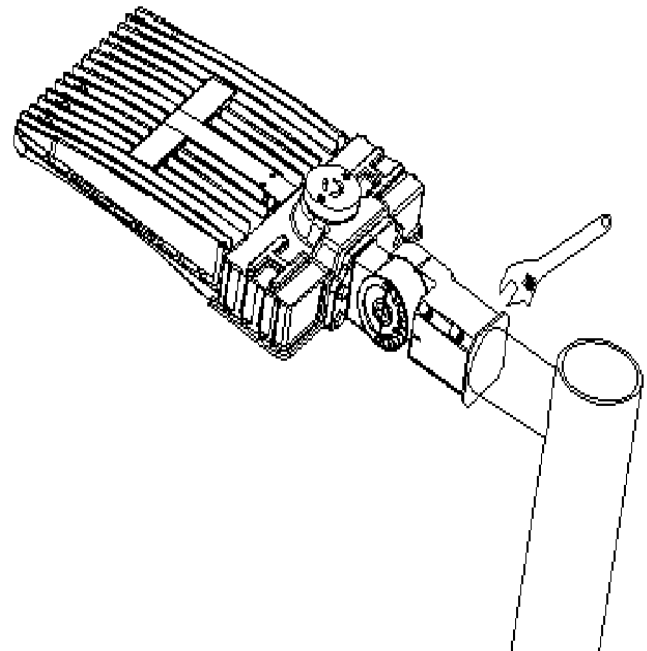
Mounting Instructions

Knuckle/ Slip Fitter Arm

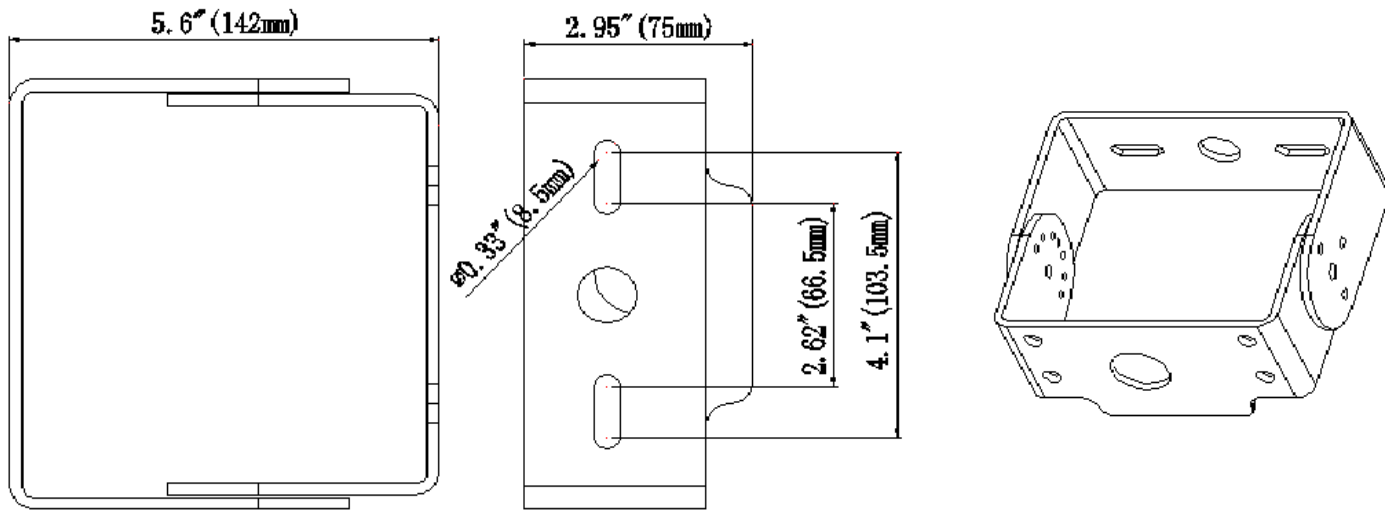**Step 1** Connect the AC wire, and then insert the arm of the slip fitter to the pole

Step 2 Tighten the screws on the side of the arm and then power on.
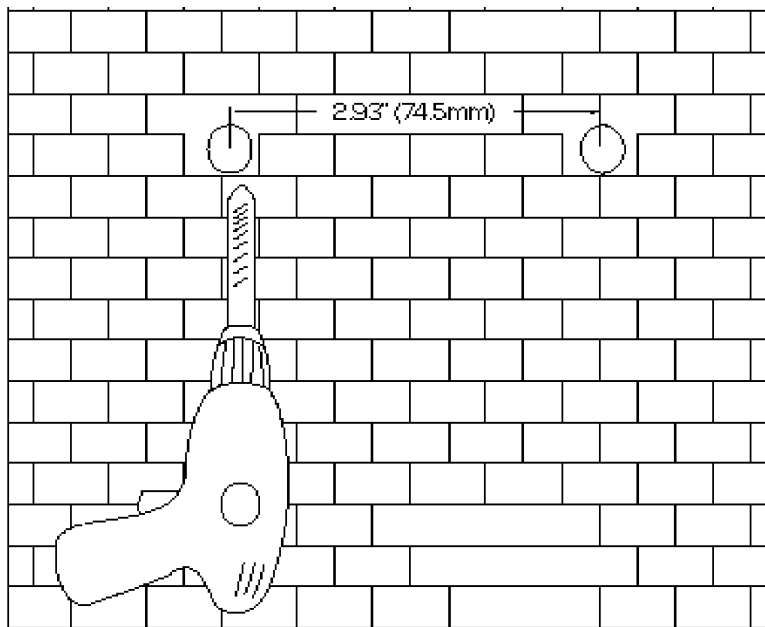
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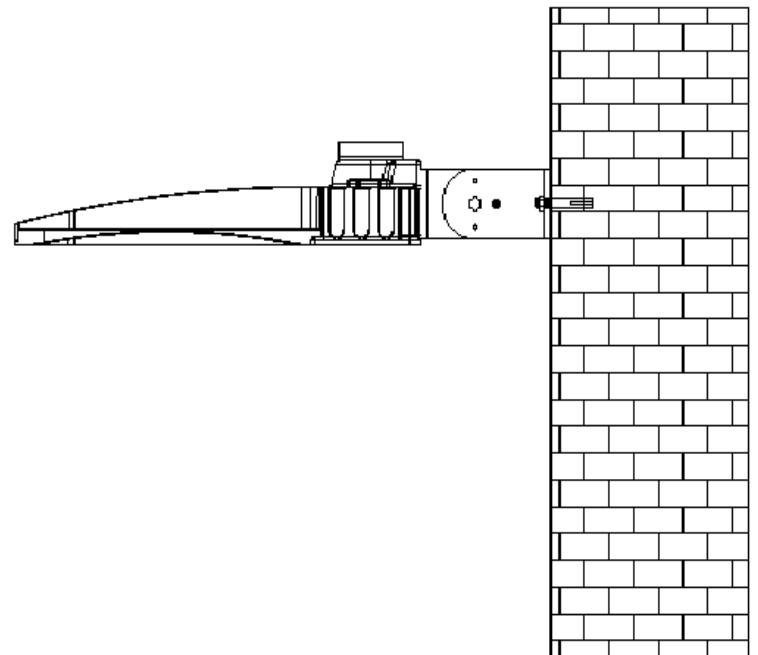
Yoke Mount

5. 6″ (142mm)　　2. 95″ (75mm)

Ø0. 33″ (8.5mm)

2. 62″ (66. 5mm)

4. 1″ (103. 5mm)

Step 1　Drill two holes on the wall corresponding to the holes on the trunnion, and knock expansion screws into the holes.
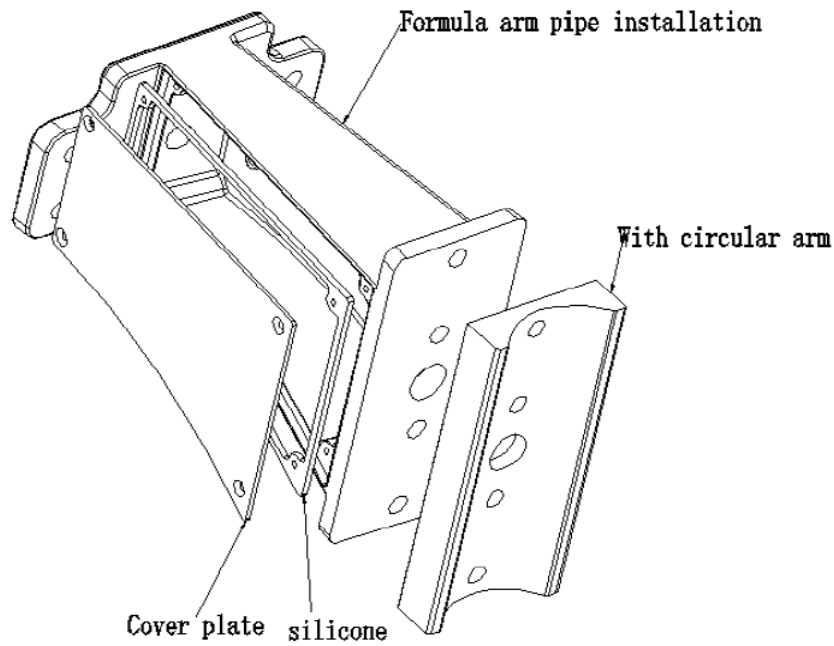
Step 2　Use the nuts to fix the fixture to the wall aiming at
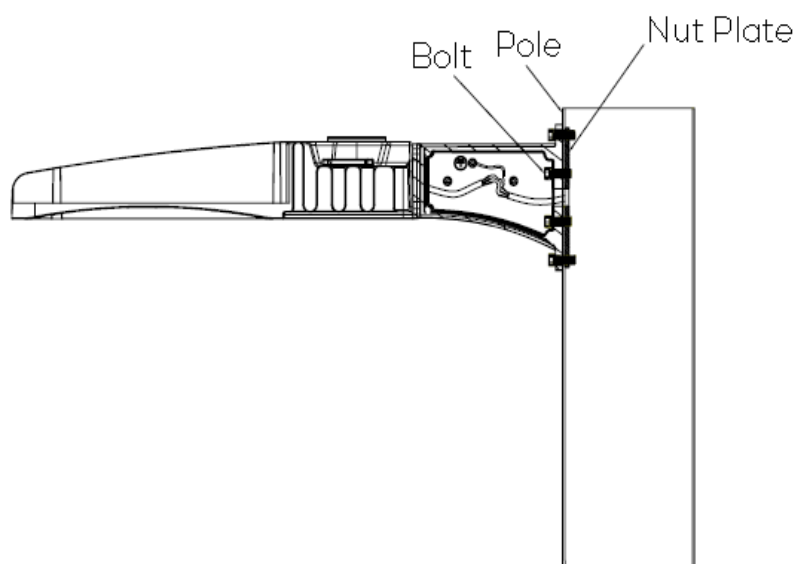the expansion screws, and adjust angle of the bracket and tighten the small screw on the side,

2.93" (74.5mm)

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Arm Mounting for Square Pole

Formula arm pipe installation

With circular arm

Cover plate   silicone

Step 1 Drill holes on the square pole corresponding to the holes on the arm, and use the bolt and nut plate to fix the fixture to the pole tightly

Step 2 Connect the AC wire of the fixture and tighten the
water-proof gasket and cover plate on the arm by

Bolt   Pole   Nut Plate