



LED Area Light

PK Series



PK Series

Beyond LED Technology's PK Series Area light is the most economical and newest 2021 model. Our PK Area light offers high lumens per watt for maximum power savings and rebates from power companies. Our PK Area light is a perfect solution for lighting parking areas, loading docks and other general lighting applications.

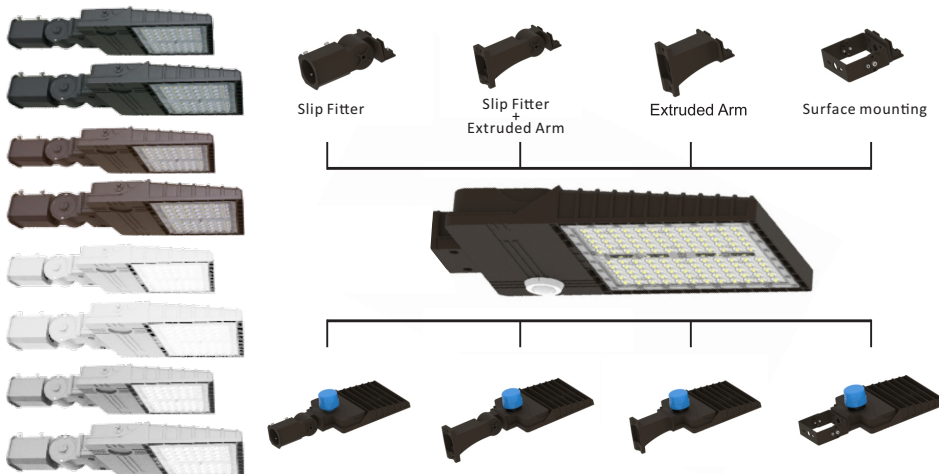
- High Efficiency Seoul Chip
- Ultra thin sleek design
- Up to 139 lumens per watt
- Optional 3 pin Screw-in photocell
- Built-in 10KV Surge protector
- Several bracket options
- Heat resistant polycarbonate optical lens
- Die Cast Aluminum housing
- Available in White, Grey, Bronze and Black Housing
- Universal 100-277Vac / 480Vac optional
- DLC Premium Approved

LED Area Light PK Series

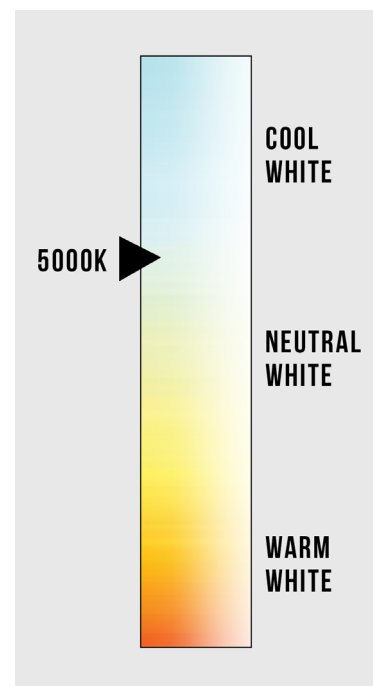
| SKU # | Model # | Housing | Watts | Lumens | CCT | IP | Input Voltage | Certifications |
|--------|-----------------------------|---------|-------|-----------|-------|------|---------------|----------------|
| 151341 | BLT-ALHL150W-50K-III-[D;N]R | Black | 150W | 21578.8Lm | 5000K | IP65 | 100-277Vac | UL & DLC |
| 151342 | BLT-ALHL320W-50K-III-[D;N]R | Black | 320W | 42941.5Lm | 5000K | IP65 | 100-277Vac | UL & DLC |
| 151340 | BLT-ALHL150W-50K-III-[D;N]R | Bronze | 150W | 21578.8Lm | 5000K | IP65 | 100-277Vac | UL & DLC |
| 151343 | BLT-ALHL320W-50K-III-[D;N]R | Bronze | 320W | 42941.5Lm | 5000K | IP65 | 100-277Vac | UL & DLC |
| 151339 | BLT-ALHL150W-50K-III-[D;N]R | White | 150W | 21578.8Lm | 5000K | IP65 | 100-277Vac | UL & DLC |
| 151344 | BLT-ALHL320W-50K-III-[D;N]R | White | 320W | 42941.5Lm | 5000K | IP65 | 100-277Vac | UL & DLC |
| 151638 | BLT-ALHL150W-50K-III-[D;N]R | Grey | 150W | 21578.8Lm | 5000K | IP65 | 100-277Vac | UL & DLC |
| 151637 | BLT-ALHL320W-50K-III-[D;N]R | Grey | 320W | 42941.5Lm | 5000K | IP65 | 100-277Vac | UL & DLC |
| 151345 | Optional Photocell | | | | | | | |

Specifications

| | |
|---------------------------------|--|
| CRI | >70 |
| Light Efficacy | 138.52Lm/W (150W) • 138.8Lm/W (320W) |
| Input Voltage | Universal 100-277Vac / 480Vac optional |
| Frequency | 50/60Hz |
| PF | >0.92 |
| IP rating | IP66 |
| Operation Temperature | -20°C to 45°C |
| Life Span | 50000 hours |
| Required Pole Size | 60mm (top end) |
| Recommended Installation Height | 6-8M (150W) • 10-12M (320W) |



CORRELATED COLOR TEMPERATURE (CCT)

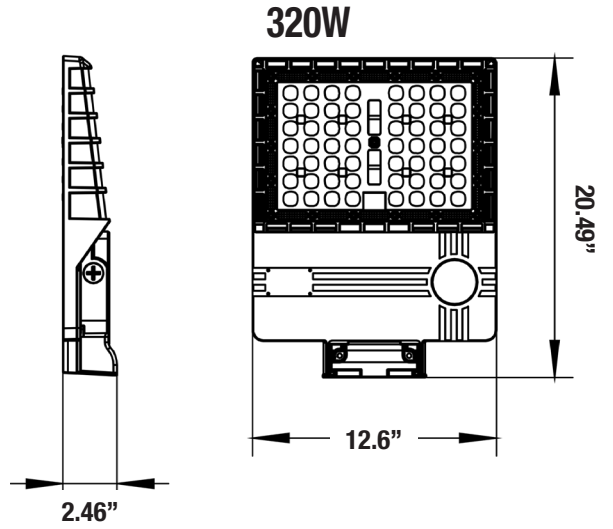
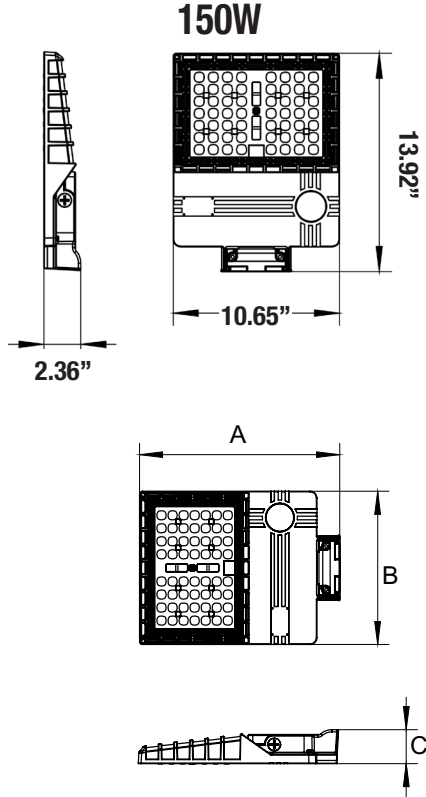
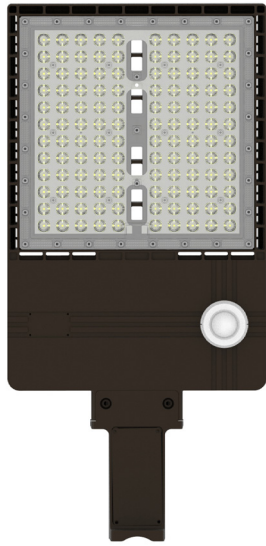


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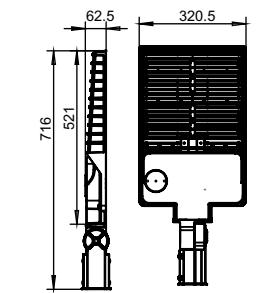
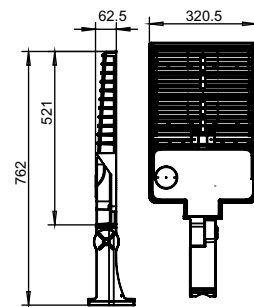
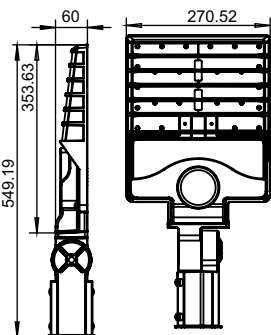
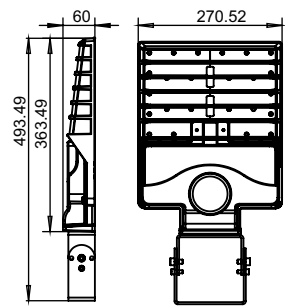
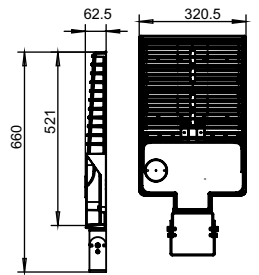
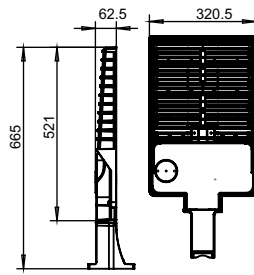
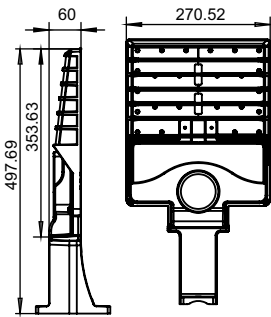
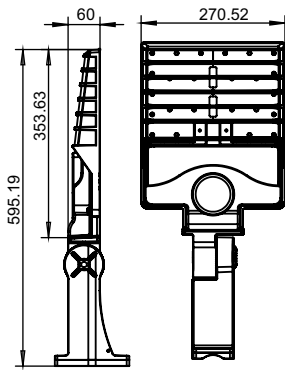
Due to continuous product improvement, information in this document is subject to change.

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Dimensions



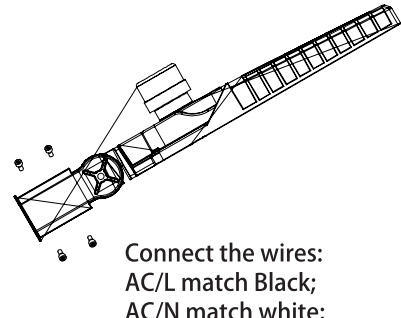
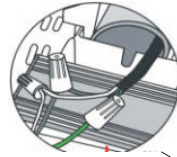
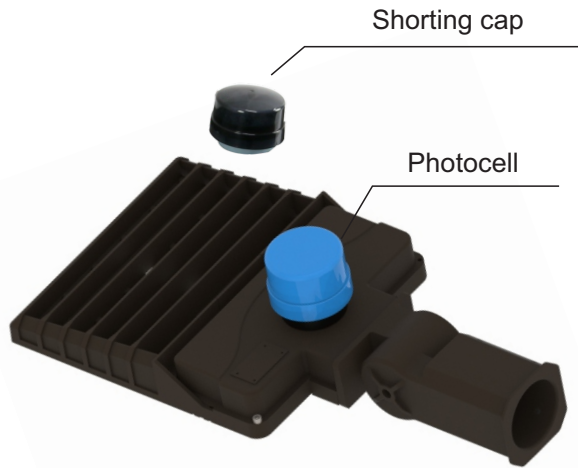
| Power | Size | A | B | C |
|---------------|------|--------|--------|-------|
| 80W/100W/150W | | 13.92" | 10.65" | 2.36" |
| 200W | | 16.54" | 12.6" | 2.46" |
| 250W/320W | | 20.49" | 12.6" | 2.46" |



LED Area Light

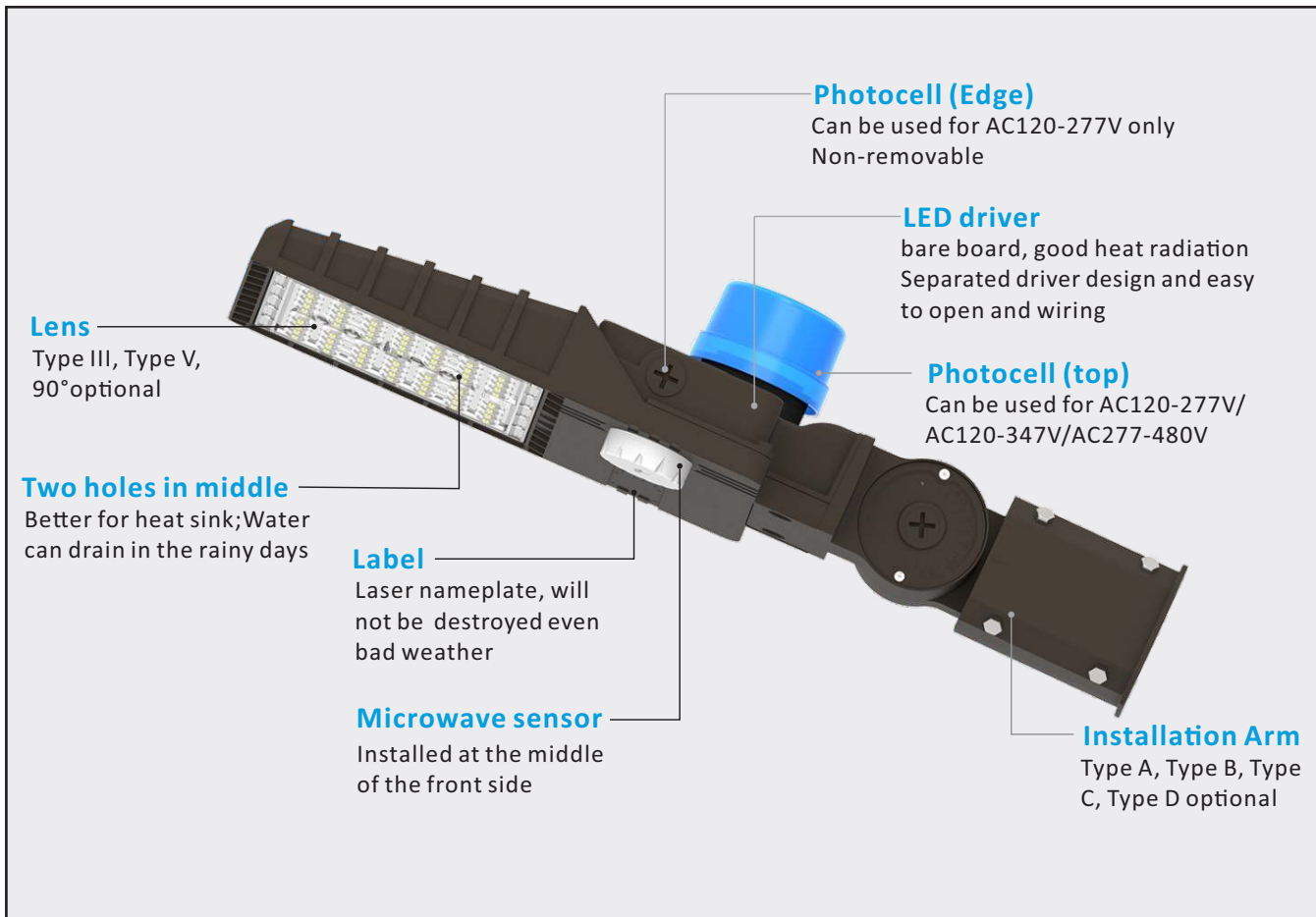
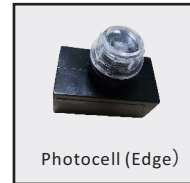
PK Series

Wiring & Features



Connect the wires:
AC/L match Black;
AC/N match white;
PE/Green match ground;

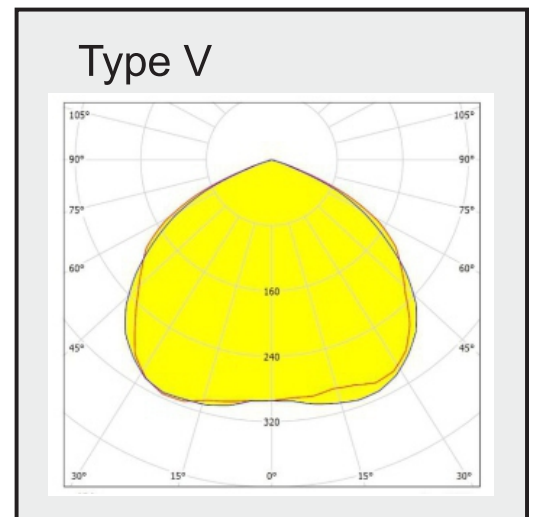
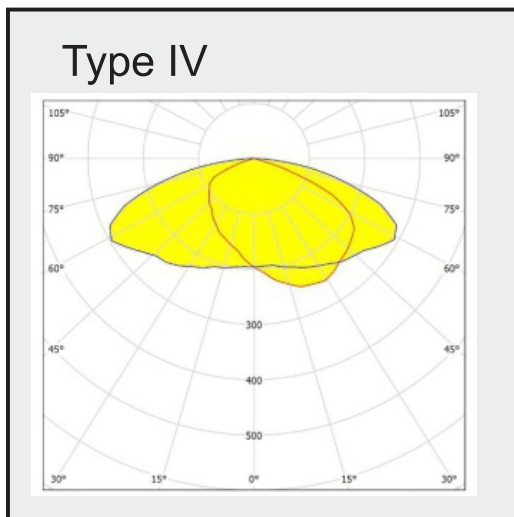
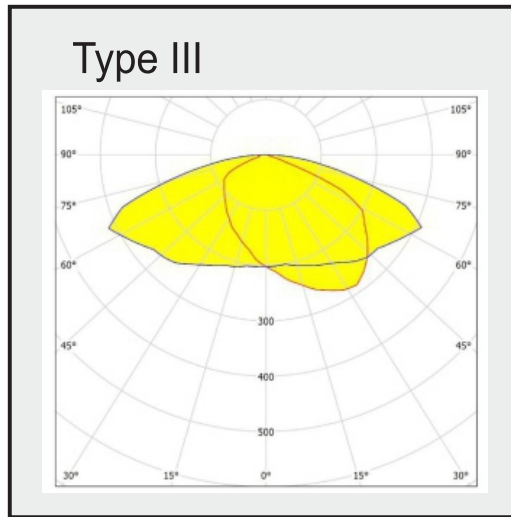
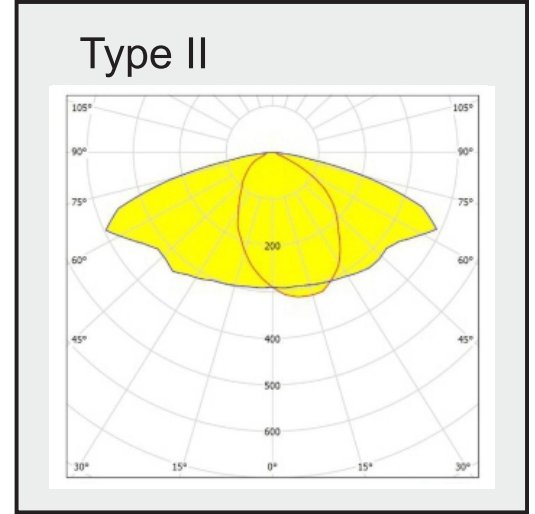
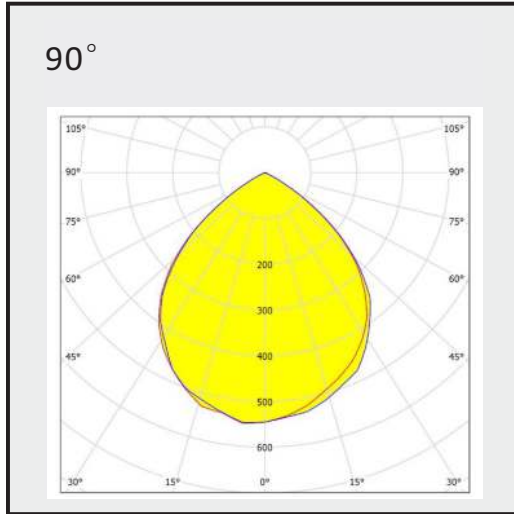
Photocell/Non-Photocell Removable
Photocell/Non-Photocell Removable, Twist Lock for them



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Distribution Diagram



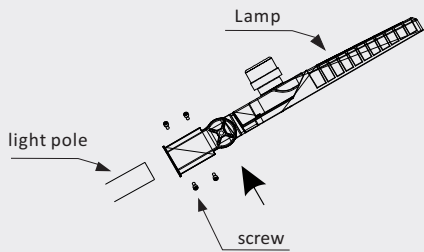
LED AREA LIGHTS

LED Area Light

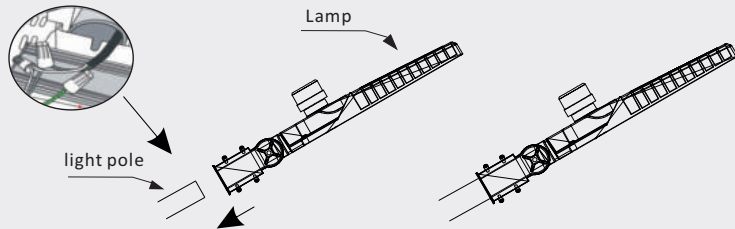
PK Series

Installation

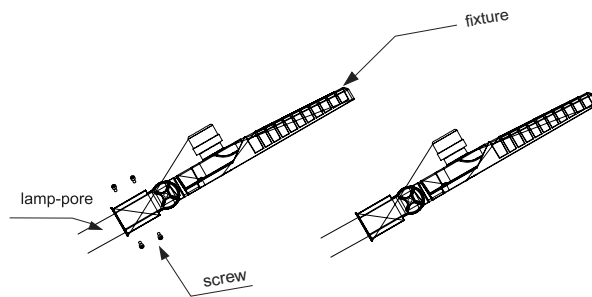
ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!
Type A (Slip Fitter)



1. Attach the lamp arm to the lamp first



2. Connect the input wire and install the lamp on the lamp post
Note: after lengthening the input wire, meet the height requirement of the light pole and connect the wire at the bottom of the light pole.



Slip Fitter

Install slip fitter on the lamp pole, wire and tighten screws



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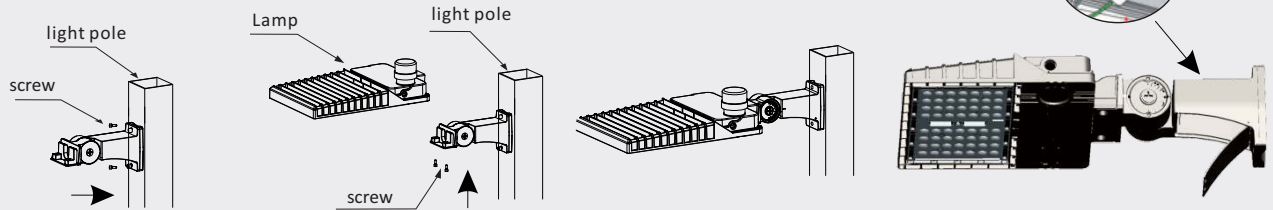
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Installation

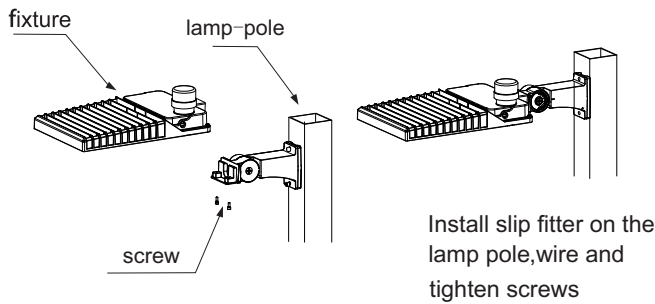
Type B (Slip Fitter+Extruded Arm) & Type C (Extruded Arm)



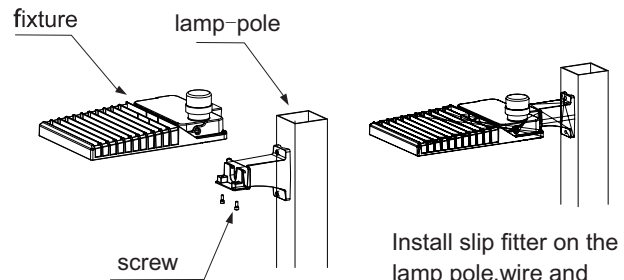
1. First install the lamp arm in the proper position of the lamp pole

2. Install the light fixture on the lamp arm

3. Lower cover of the lamp arm is opened and Complete wiring at handhole on pole. Use suitable Listed water proof cord bushing and outlet box cover.



Install slip fitter on the lamp pole, wire and tighten screws

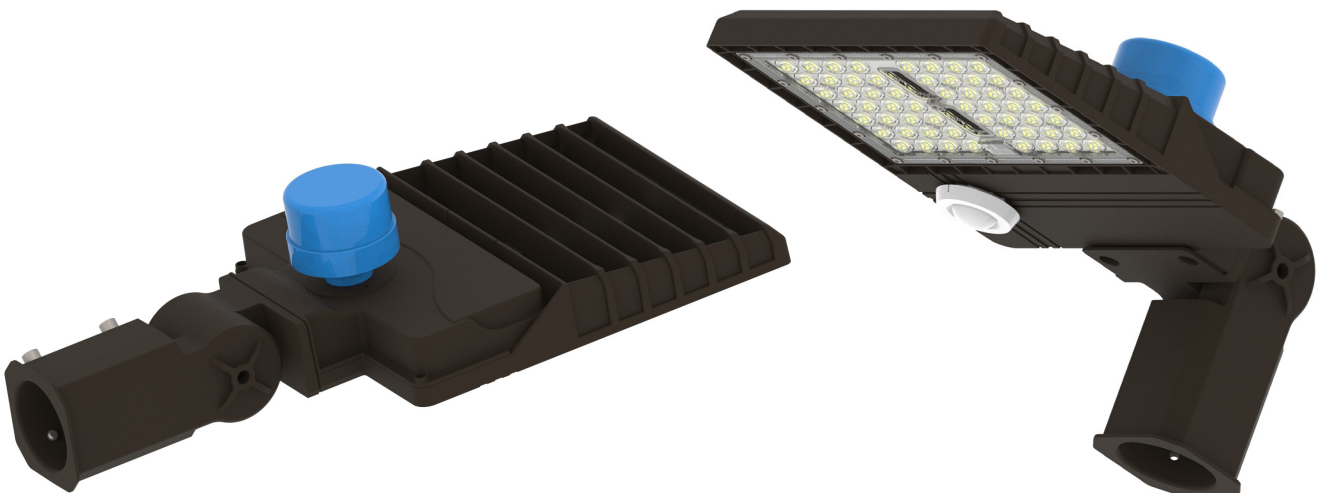


Install slip fitter on the lamp pole, wire and tighten screws

Slip Fitter + Extruded Arm



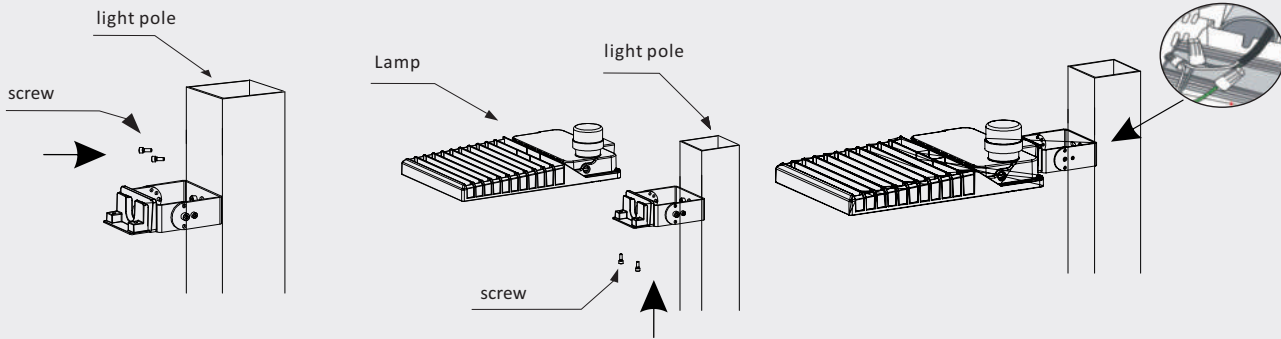
Extruded Arm



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Installation

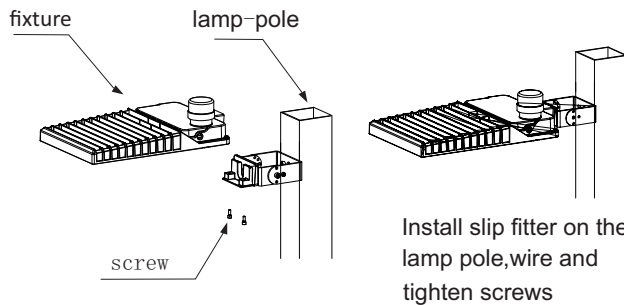
Type D (Surface Mount Arm)



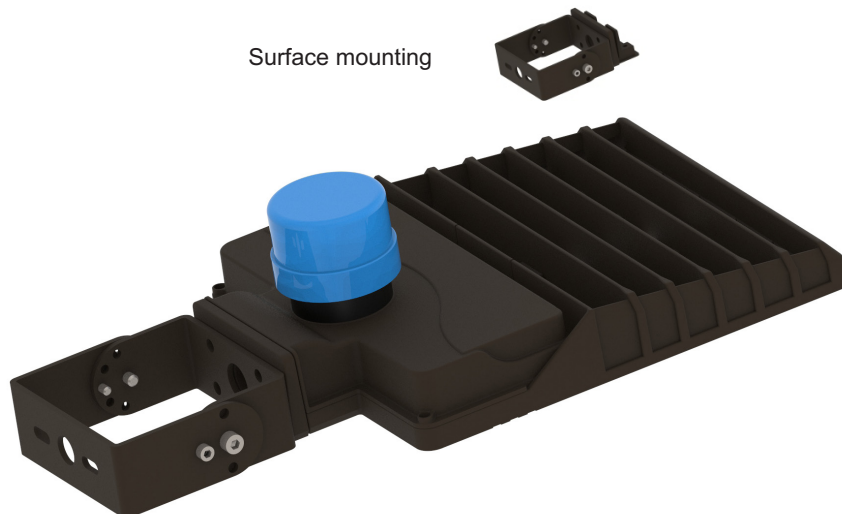
1. First install the lamp arm in the proper position of the lamp pole

2. Install the light fixture on the lamp arm

3. Lower cover of the lamp arm is opened and Complete wiring at handhole on pole. Use suitable Listed water proof cord bushing and outlet box cover.



Surface mounting



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Testing

IP66 rated, suitable for wet locations

Shenzhen Southern LCS Compliance Testing Laboratory Ltd.
Address: 8 Area, 1-2F, Building B, Zhongyu Green High-tech Industrial Park, Wenge Road, Heshukou, Guangming Street, Guangming New District, Shenzhen, China
Phone: +86-755-28671621; Fax: +86-755-28671507
http://www.lcs-cert.com

Report No.: LCS19070030B

TEST REPORT

Client: Shenzhen Xinhongfang Optoelectronics Technology Co., Ltd.
Address: 10-11F, No.2 Building, Hengshangyong, High Tech Ind. Park, Shangan East Rd, Hengshang, Shuang Town, Baoan District, Shenzhen, China 518128

Brand Name:

Manufacturer: Shenzhen Xinhongfang Optoelectronics Technology Co., Ltd.
Address: 10-11F, No.2 Building, Hengshangyong, High Tech Ind. Park, Shangan East Rd, Hengshang, Shuang Town, Baoan District, Shenzhen, China 518128

Testing Laboratory: Shenzhen Southern LCS Compliance Testing Laboratory Ltd.
Address: 8 Area, 1-2F, Building B, Zhongyu Green High-tech Industrial Park, Wenge Road, Heshukou, Guangming Street, Guangming New District, Shenzhen, China

Product Description: LED Area Light
Model: See model list on page 2
Rating: AC120-247V, 50/60Hz, Max.320W, IP66, ta45°C
Method: IEC 60529:180-04:1809+A2:2013
Test Item: IP66
Date of Test: 2019-07-09-2019-07-10
Date of Issue: 2019-07-10
Test Result: Pass

Test by: Rebecca Qin
Checked by:

Rebecca Qin Project Engineer, Eko Yang Director, Jesse Liu Manager

Remark: The signature of the report or parts of it and its use for advertising purposes is only allowed with permission of the testing laboratory. This report contains the result of examination of the product sample submitted by the applicant. A general statement concerning the quality of the products from the sales manufacturer cannot be derived therefrom.

Version: 01.0 Page 1 of 1



IK10 rated

Page 2 of 8 REPORT NO.: LCS19070030B

Test item description: LED Area Light
Trade Mark:

Manufacturer: Same as applicant
Address: Same as applicant
Model/Type reference: Details see model list on page 3
Rating: AC120-247V, 50/60Hz, Max.320W, IP66, ta45°C
Test Date: July 08, 2019 - July 10, 2019

Testing Laboratory: Shenzhen Southern LCS Compliance Testing Laboratory Ltd.
Testing location address: Shenzhen Southern LCS Compliance Testing Laboratory Ltd., B Area, 1-2F, Building B, Zhongyu Green High-tech Industrial Park, Wenge Road, Heshukou, Guangming Street, Guangming New District, Shenzhen, China

Tested by: Rebecca Qin (Engineer)
Checked by: Eko Yang (Director)
Approved by: Jesse Liu (Manager)

List of Attachments (including a total number of pages in each attachment):
Attachment No. 1: 1 pages of photo documentation.

General remarks:
This report shall not be reproduced except in full without the written approval of the testing laboratory.
The test results presented in this report relate only to the item tested.
In this test report, "P" means "Pass", "F" means "Fail", "N/A" means "Not Applicable".

Tests performed (name of test and test clause):
IEC 62282 Testing location: Shenzhen Southern LCS Compliance Testing Laboratory Ltd., B Area, 1-2F, Building B, Zhongyu Green High-tech Industrial Park, Wenge Road, Heshukou, Guangming Street, Guangming New District, Shenzhen, China



Passing the testing at -40°C, can be used at cold area

Page 1 of 6 Report No.: LCS19070030A

Test Report

Name of sample: LED Area Light Trade mark:

Model: XSY-AL2009-XXXX-YYYY-ZR, XSY-AL2009-XXXX-YYYY-ZR, XSY-AL2009-XXXX-YYYY-ZR, XSY-AL2009-XXXX-YYYY-ZR

Manufacturer: Shenzhen Xinhongfang Optoelectronics Technology Co., Ltd.
Address of manufacturer: 10-11F, No.2 Building, Hengshangyong, High Tech Ind. Park, Shangan East Rd, Hengshang, Shuang Town, Baoan District, Shenzhen, China 518128

Client: Shenzhen Xinhongfang Optoelectronics Technology Co., Ltd.
Address of client: 10-11F, No.2 Building, Hengshangyong, High Tech Ind. Park, Shangan East Rd, Hengshang, Shuang Town, Baoan District, Shenzhen, China 518128

Test Lab: Shenzhen LCS Compliance Testing Laboratory Ltd.
Address of test Lab: 801, 801, Xingyuan Industrial Park, Qianhu Community, Xixiang Street, Baoan District, Shenzhen, Guangdong, China

Date of delivery: 2019-07-02 Quantity of sample: 100
Date of test: 2019-07-02 to 2019-07-03 Ambient Temperature: 16-38°C, 45-16/20/25°C

Name of receipt: Delivering Sample location: Samples were tested before the test

Test item: Low temperature start test
Test standard: According to customer requirements
Test result: Measured data see report attach

Remark: The test results presented in this report relate only to the object tested.

Tested by: Helen Wu Test engineer Signature: 2019-07-11
Checked by: Albert Lai Project engineer Signature: 2019-07-11
Approved by: Paul Chen Project manager Signature: 2019-07-11



Beyond LED Technology | 1939 Parker Ct, Stone Mountain, GA, 30087

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LED AREA LIGHTS

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Packing

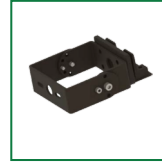
| Installation Arm | Carton Dimension | Qty / Carton |
|--------------------------|-------------------------|--------------|
| Slip Fitter | 24.53''*16.77''*8.7'' | 12PCS |
| Slip Fitter+Extruded Arm | 24.53''*19.96''*10.83'' | 12PCS |
| Extruded Arm | 21.77''*19.96''*10.83'' | 12PCS |
| Surface Mount Arm | 22.32''*20.16''*6.5'' | 12PCS |



Slip Fitter Mount



Straight Arm Mount



Yoke Mount



Optional Photocell

| Model | Carton Dimension | Qty / Carton | N.W | G.W | 20GP | 40HQ |
|-------|------------------------|--------------|----------|----------|---------|---------|
| 80W | 16.02''*12.48''*4.8'' | 1PCS | 11.68lbs | 13.49lbs | 1528PCS | 4203PCS |
| 100W | | | | | | |
| 150W | | | | | | |
| 200W | 18.58''*14.25*5.39'' | 1PCS | 15.43lbs | 17.20lbs | 1025pcs | 2820pcs |
| 250W | 22.52''*14.25''*5.39'' | 1PCS | 20.26lbs | 22.51lbs | 848PCS | 2332PCS |
| 320W | | | | | | |



Safety Precautions

To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.

Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.

Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.

For The installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

WARNING: RISK OF FIRE OR ELECTRICAL SHOCK

Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

Turn off the power when you perform any maintenance.

Verify that supply voltage is correct by comparing it with the luminaire label information.

Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.

All wiring connections should be capped with UL approved wire connectors.

CAUTION: RISK OF INJURY

Avoid direct eye exposure to the light source while it is on.

Account for small parts and destroy packing material, as these may be hazardous to children.

SUITABLE FOR DRY OR DAMP LOCATION

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