

# LED AREA LIGHT



## Features

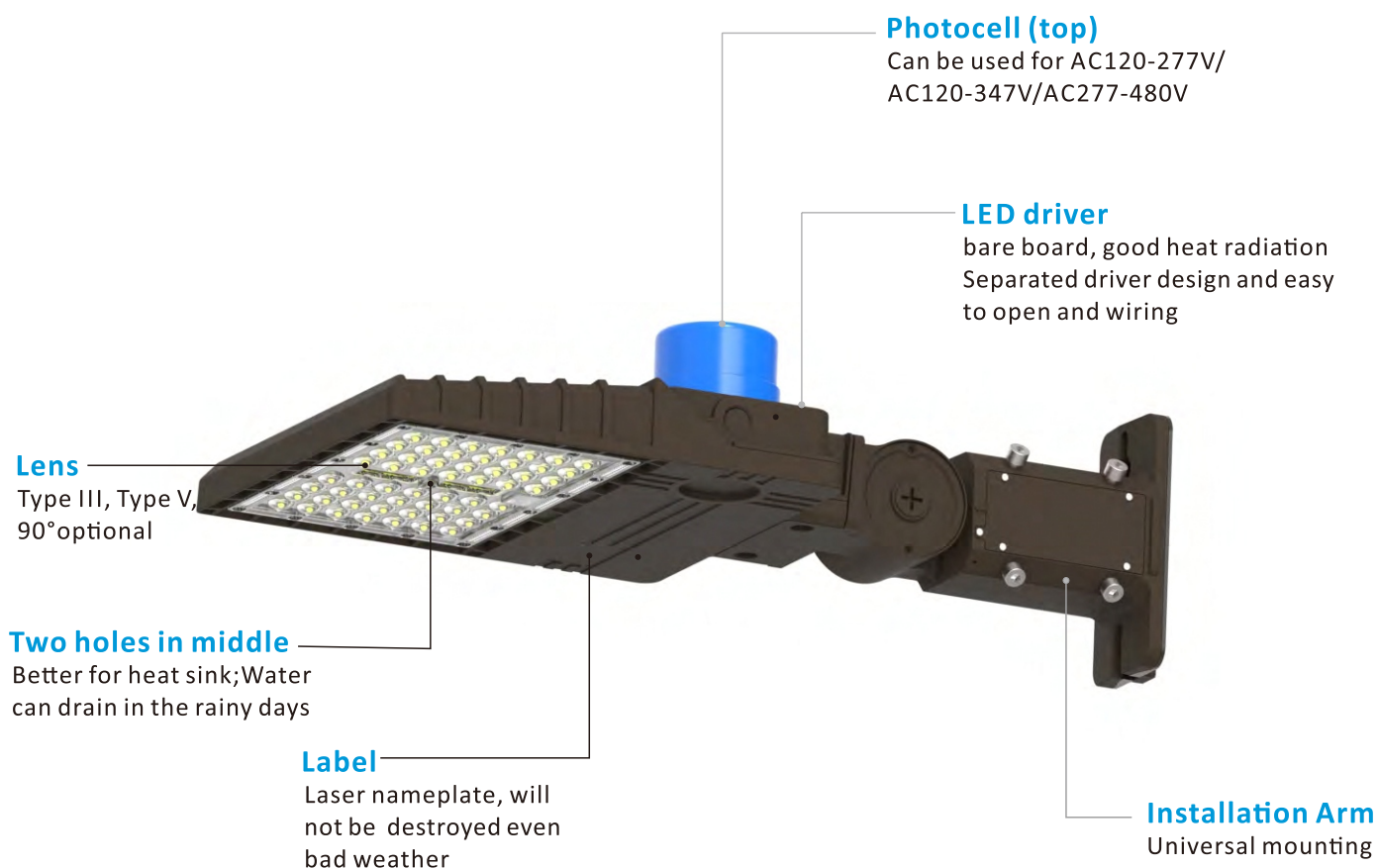
- ◆ 2019 Private mold, unique design
- ◆ AC120-277V/AC120-347V/AC277-480V optional
- ◆ Seoul SMD LED
- ◆ High efficacy, 145lm/w
- ◆ Die-casting aluminum housing, treated by anodic oxidation, anti-corrosion
- ◆ Hollow heat sink design increase more airflow for better heat dissipation
- ◆ IP66 rated, IK10, Surge protection 10KV/20KV optional
- ◆ Photocell, Microwave, PIR sensor available
- ◆ Slip Fitter, Square pole, Round pole, Trunnion, Wall mount adaptor.
- ◆ Environment temperature: -40℃~45℃
- ◆ 5 years warranty

### Application:

- Parking lot
- Stadiums
- General road lighting
- Residential area
- Yard park
- Petrol station



**120-277V/ 277-480V/ 120-347V**



## Parameters

Model #	Size	Power	Efficacy	Lumen	Input voltage	Lens	CRI	CCT
523C2-100W	13.92"*10.65"	100W	145LM/W	14500LM	AC277V	Type III Type V 90°	>70	4000K 5000K 5700K
523C2-150W		150W		21750LM				
523C2-150WN		150W		29000LM				
523C2-200W	16.54"*12.3"	200W		36250LM				
523C2-250W	20.49"*12.62"	250W		46400LM				
523C2-320WN/WU/WW		320W						
523C7-100W	13.92"*10.65"	100W	145LM/W	14500LM	AC480V	Type III Type V 90°	>70	4000K 5000K 5700K
523C7-150W/523C7-150WUN		150W		21750LM				
523C7-200W	16.54"*12.3"	200W		29000LM				
523C7-250W	20.49"*12.62"	250W		36250LM				
523C7-320W / 523C7-320WU		320W		46400LM				

# Accessories

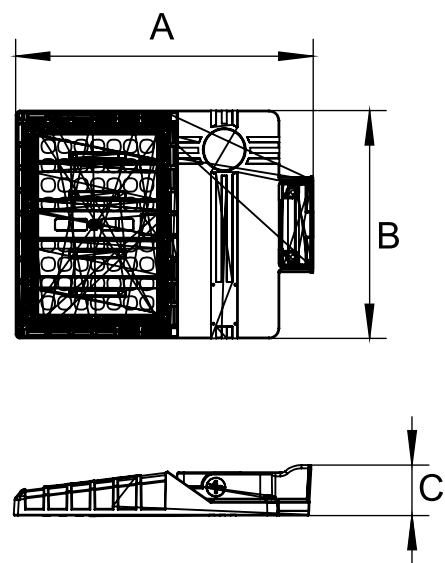


Universal mounting



Photocell(Top)

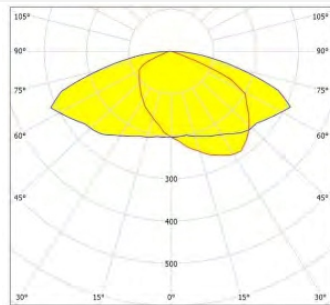
# Dimension



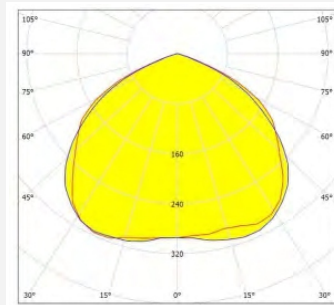
Power	Size	A	B	C
80W/ 100W/ 150W		13.92"	10.65"	2.36"
200W		16.54"	12.6"	2.46"
250W/ 320W		20.49"	12.6"	2.46"

# Photometric

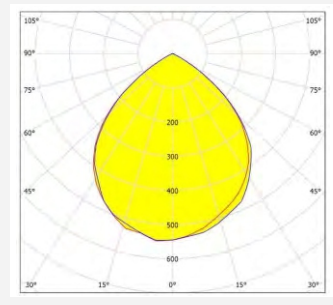
Type III



Type V



90°



## IP66 rated, suitable for wet locations

**TEST REPORT**

Client: Shenzhen Kixiang Yang Optoelectronics Technology Co., Ltd.  
Address: 10-11F, No.2 Building, Hengshenggang, High Tech Ind. Park, Shuangnan East Rd, Hongtan, Shuang Town, Baoan District, Shenzhen, China 518125

Brand Name: Kixiang

Manufacturer: Shenzhen Kixiang Yang Optoelectronics Technology Co., Ltd.  
Address: 10-11F, No.2 Building, Hengshenggang, High Tech Ind. Park, Shuangnan East Rd, Hongtan, Shuang Town, Baoan District, Shenzhen, China 518125

Testing Laboratory: Shenzhen Southern LCS Compliance Testing Laboratory Ltd.  
Address: B Area, 1-2F, Building B, Zhongyu Green High-tech Industrial Park, Wenge Road, Heshuiku, Gongming 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, ta=45°C  
Method: IEC 60529-1885-A1 1989-A2 2013  
Test item: IK10  
Date of Test: 2019-07-09-2019-07-10  
Date of Issue: 2019-07-10  
Test Result: Pass

Test by: Rebecca Qin  
Check by: Eko Yang  
Approved by: Jesse Liu

Remarks: The application of this 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 same manufacturer cannot be derived therefrom.

Version: V1.0 Page 1 of 2



## IK10 rated

**TEST REPORT**

Page 2 of 8 REPORT NO.: LCS190701003BS

Test item description: LED Area Light  
Trade Mark: Kixiang

Manufacturer: Same as applicant  
Address: Same as applicant  
Model/Type reference: Details see model list on page 3  
Ratings: AC120-247V, 50/60Hz, Max.320W, IP66, ta=45°C  
Test Date: July 08, 2019 - July 10, 2019

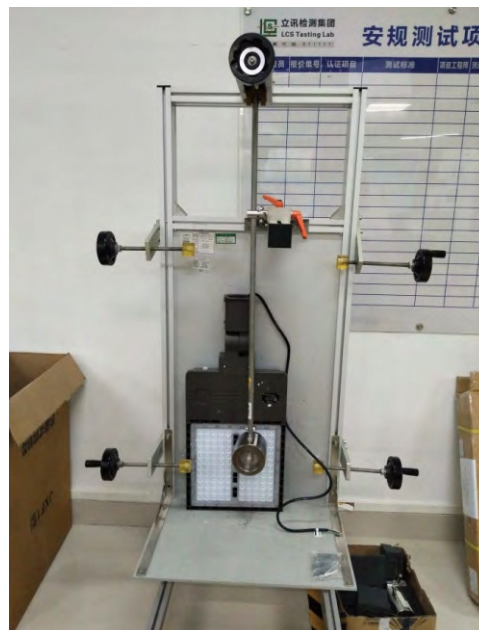
Testing Laboratory: Shenzhen Southern LCS Compliance Testing Laboratory Ltd.  
Testing location/ address: B Area, 1-2F, Building B, Zhongyu Green High-tech Industrial Park, Wenge Road, Heshuiku, Gongming Street, Guangming New District, Shenzhen, China

Tested by: Rebecca Qin (Engineer)  
Check 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 62262  
Testing location:  
Shenzhen Southern LCS Compliance Testing Laboratory Ltd.  
B Area, 1-2F, Building B, Zhongyu Green High-tech Industrial Park, Wenge Road, Heshuiku, Gongming Street, Guangming New District, Shenzhen, China





Passing the testing at  $-40^{\circ}\text{C}$ , can be used at cold area

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### Test Report

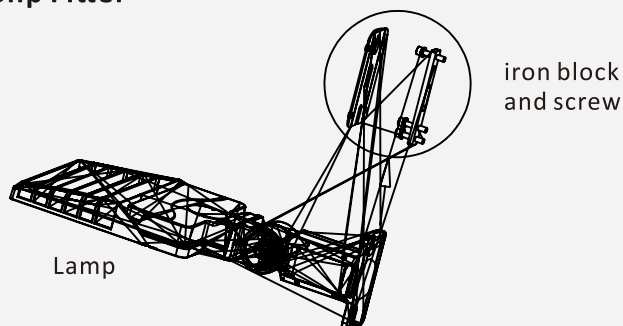
Name of sample	LSD Area Light	Trade mark	
Model	XBY-AL320W-XXX-YY-ZR, XBY-AL320W-XXX-YY-ZR, XBY-AL320W-XXX-YY-ZR, XBY-AL320W-XXX-YY-ZR, XBY-AL320W-XXX-YY-ZR, XBY-AL320W-XXX-YY-ZR		
Manufacturer	Shenzhen Xingbangyang Optoelectronics Technology Co., Ltd.		
Address of manufacturer	10-11F, No.2 Building, Hengchunqiang, High Tech Ind. Park, Shuangmiao East Rd, Hongqian, Shaping Town, Baotou District, Shenyang, China 110125		
Client	Shenzhen Xingbangyang Optoelectronics Technology Co., Ltd.		
Address of client	10-11F, No.2 Building, Hengchunqiang, High Tech Ind. Park, Shuangmiao East Rd, Hongqian, Shaping Town, Baotou District, Shenyang, China 110125		
Test Lab	Shenzhen LCB Compliance Testing Laboratory Ltd.		
Address of test Lab	101-601, Xingqian Industrial Park, Qianhu Community, Xiang Street, Baotou District, Shenyang, Guangdong, China		
Date of delivery	2019-07-02	Quantity of sample	100
Date of test	2019-07-02 to 2019-07-03	Ambient Temperature	15-35°C, 45-75%RH
Name of receipt	Delivery	Sample condition	Samples were intact before the test
Test item	Low temperature start test		
Test standard	According to customer requirements		
Test result	Measured data see report attached		
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:	Peter Chen: Project manager	Signature:	2019-07-11



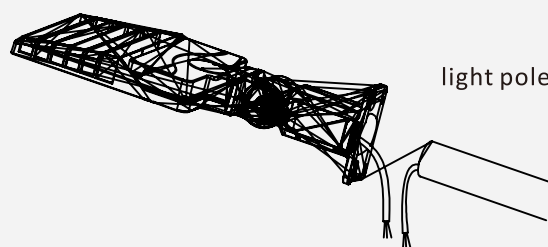
## Installation for Universal mounting

**ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!**

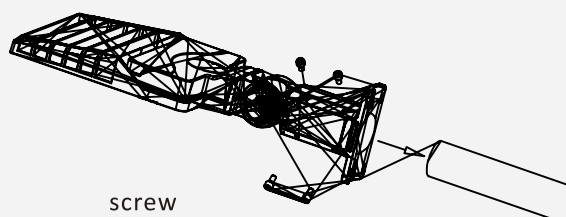
### Slip Fitter



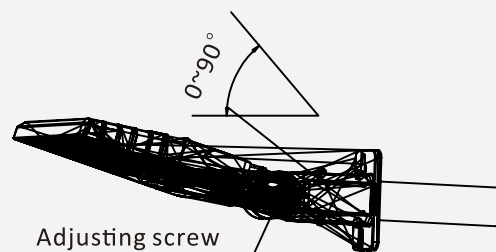
1. Remove the gasket, iron block and screw.



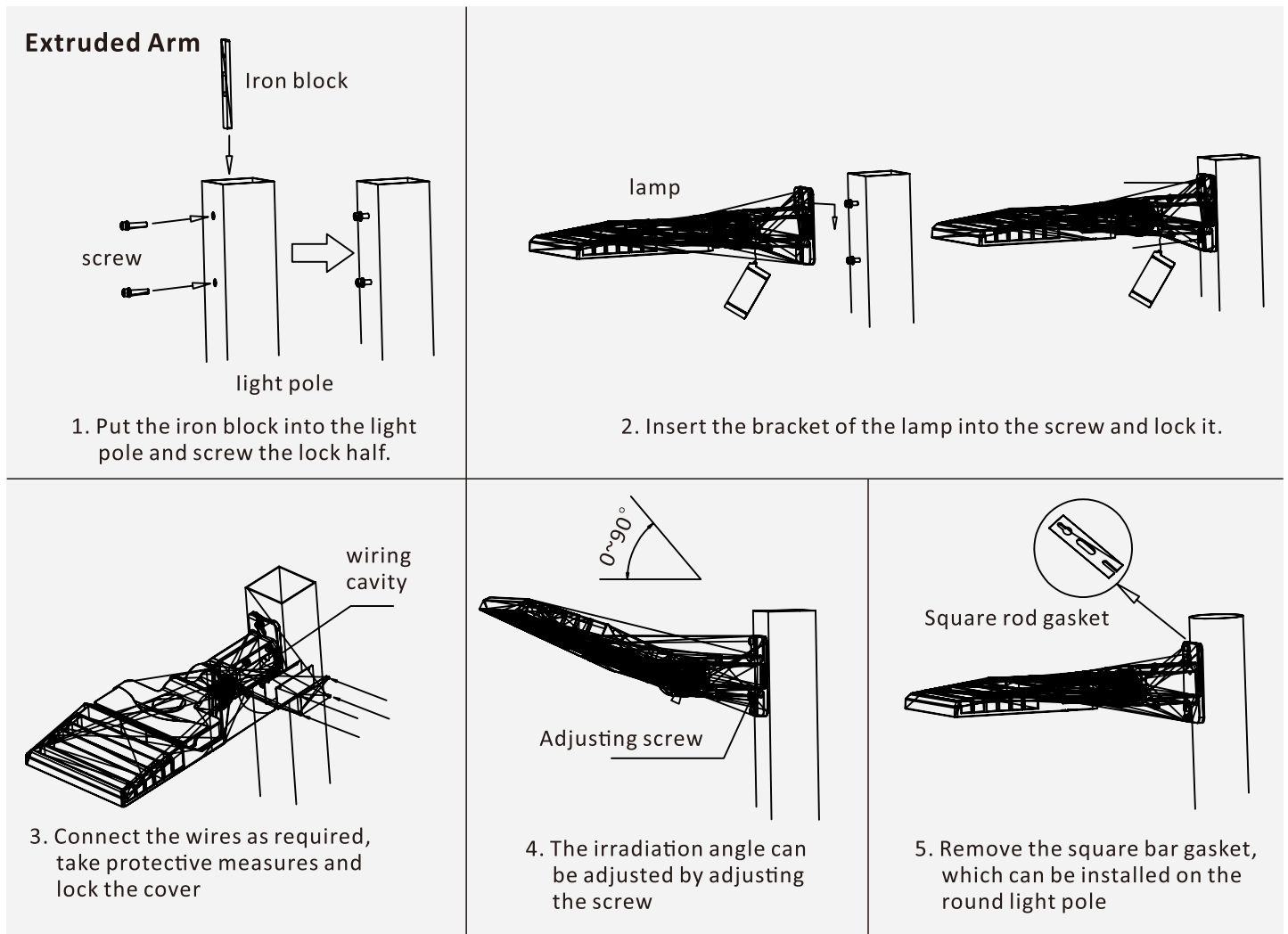
2. Connect the wires as required and take protective measures



3. Install the lamp into the lamp pole and lock the screw



4. The irradiation angle can be adjusted by adjusting the screw.



## Safety Precaution

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