



RZ Series

LED Flood Light



Good flexibility



Simple appearance



Gentle and comfortable



Protect the light source



LED FLOOD LIGHT
RZ Series

NEW PRODUCT

== ADJUSTABLE ==

ADJUSTABLE POWER ///

MODEL	LOW	MID	HIGH
50W MODEL	20W	30W	50W
100W MODEL	50W	75W	100W
150W MODEL	80W	120W	150W
200W MODEL	100W	150W	200W

POWER ADJUSTMENT



CCT ADJUSTMENT



3000K
WARM WHITE
Cozy and relaxing light,
ideal for warm ambiance.



4000K
COOL WHITE
Clean and bright light,
perfect for everyday use.



6500K
DAYLIGHT
Bright and crisp light,
ideal for maximum visibility.



ADJUSTABLE POWER
Select the desired wattage
to suit your needs.



ADJUSTABLE CCT
Choose the perfect color
temperature for any space.



EASY ADJUSTMENT
Simple and quick settings
with the control switch.



RELIABLE PERFORMANCE
Built for efficiency, durability
and long-lasting use.



OPTIONAL:



MOISTURE ESCAPE VALVE

PROTECTS YOUR FLOODLIGHT. EXTENDS ITS LIFE.



WHAT IS IT?

The moisture escape valve allows built-up moisture and air pressure inside the fixture to escape, while preventing water, dust, and dirt from entering.

WHY IS IT IMPORTANT?

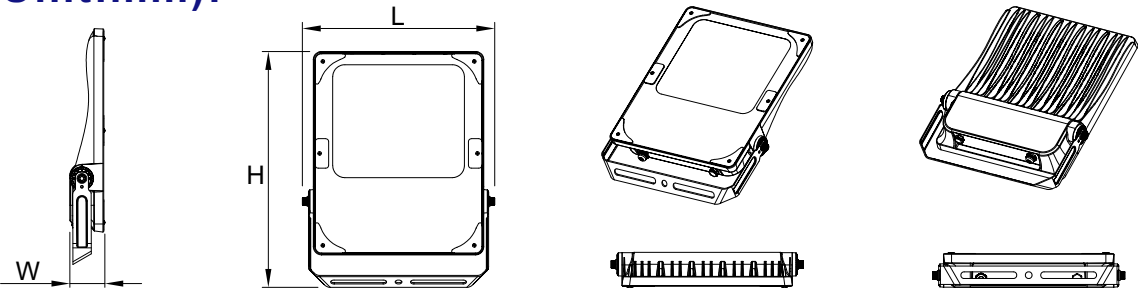
- PREVENTS MOISTURE BUILD-UP**
Reduces condensation inside the fixture, preventing fogging and water damage.
- EXTENDS PRODUCT LIFESPAN**
Protects internal components from corrosion, rust, and electrical failure.
- MAINTAINS OPTIMAL PERFORMANCE**
Keeps the light output stable and reliable even in humid and harsh environments.
- IDEAL FOR OUTDOOR USE**
Designed for outdoor applications in all weather conditions.

HOW IT WORKS



- WATERPROOF PROTECTION**
Prevents water ingress (IP-rated protection)
- DUST RESISTANT**
Blocks dust, dirt & insects from entering the fixture
- PRESSURE BALANCE**
Equalizes internal & external pressure to prevent damage
- BUILT TO LAST**
Enhances reliability and durability for long-term use

Size(Unit:mm):



Model	RZ-50W	RZ-100W	RZ-150W	RZ-200W					
L	225mm	270mm	315mm	335mm					
W	52mm	58mm	58mm	58mm					
H	312mm	367mm	384mm	448mm					

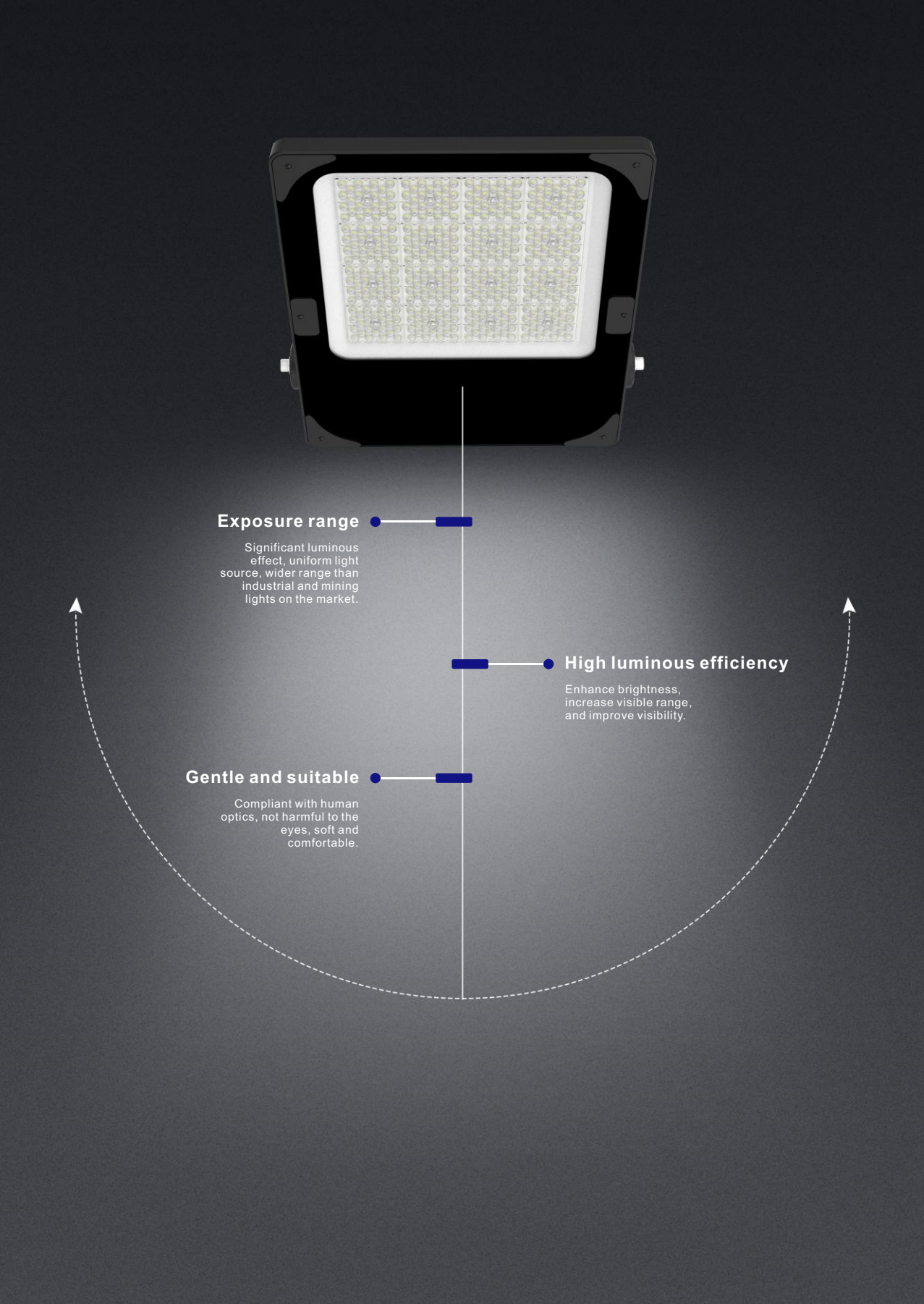
Product Data

Model	RZ-50W	RZ-100W	RZ-150W	RZ-200W					
Wattage	50W	100W	150W	200W					
Lumen	150LM/W	150LM/W	150LM/W	150LM/W					
LED QTY (pcs)	96	216	288	384					
Light Source	2835								
Luminous Efficacy	150 Lumens per watt								
CCT	3000K/4000K//6500K - Selectable on Light								
CRI	>70								
Input Voltage	100-277Vac 50/60Hz								
Surge protection	Line-Line:10KV, Line-Earth:10KV(20KV surge protection device can be added)								
Installation	High pole installation								
Housing Material	Aluminium								
Operating temperature	-40°C to +45°C								
Operating humidity	10% to 90% RH								
Lifespan	>50000hours								
Package(L*W*H)mm	485*350*330	485*350*330	405*300*360	475*370*105					
Packing type	10PC/ Carton	5PC/ Carton	1PC/ Carton	1PC/ Carton					
Net Weight (kg)	1.20	2.29	3.01	3.73					
Gross Weigh(kg)	17.62	13.57	4.03	4.75					

Overall Display

The lamp body is made of die cast aluminum material, and the back heat dissipation fins are designed to increase the heat dissipation area and enhance the lifespan of the lamp. The installation and lighting angle can be accurately adjusted to the appropriate lighting angle suitable for the lighting environment. The dual axis structure can effectively prevent screw damage caused by vibration or shaking, making the installation more reliable.





Exposure range

Significant luminous effect, uniform light source, wider range than industrial and mining lights on the market.

High luminous efficiency

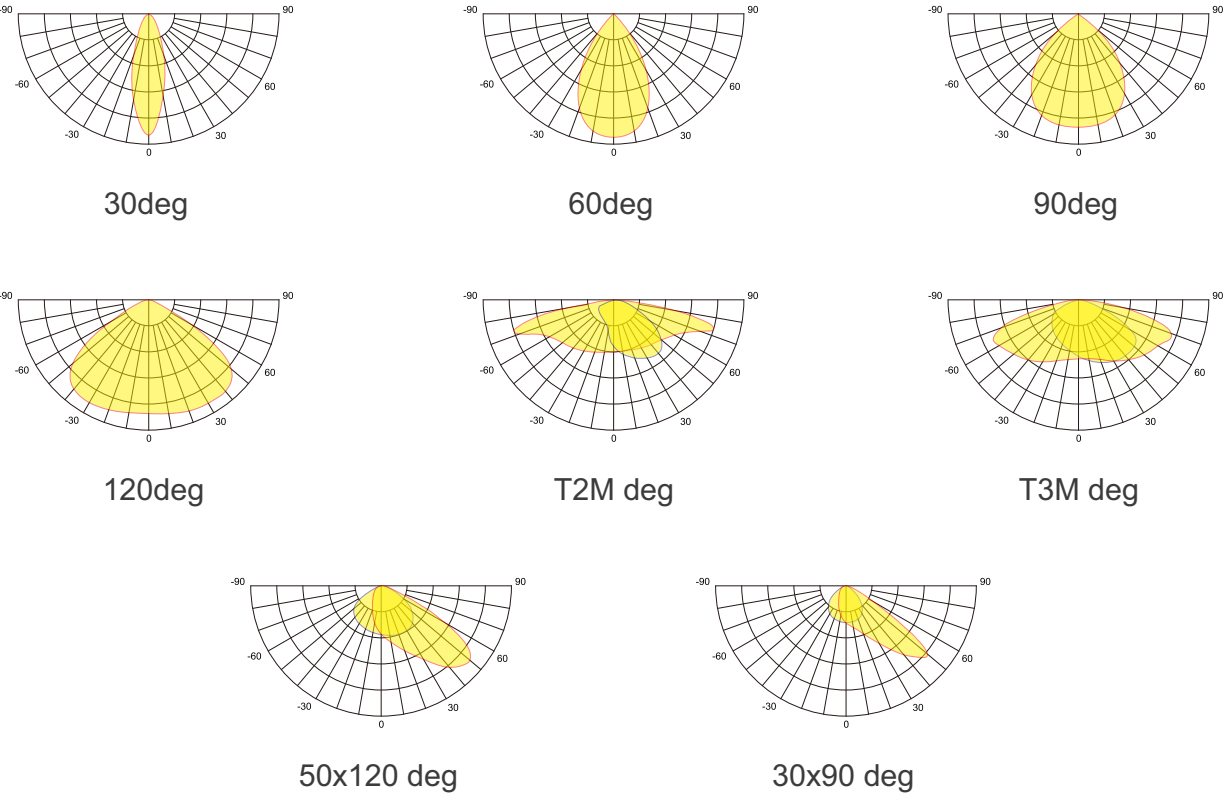
Enhance brightness, increase visible range, and improve visibility.

Gentle and suitable

Compliant with human optics, not harmful to the eyes, soft and comfortable.

Distribution Diagram:

Multiple emission angles can be selected, improving autonomy, and users can choose according to their actual needs. Significant luminescence, uniform light source, achieving efficient optical lighting effect.



ErP Technical Specification

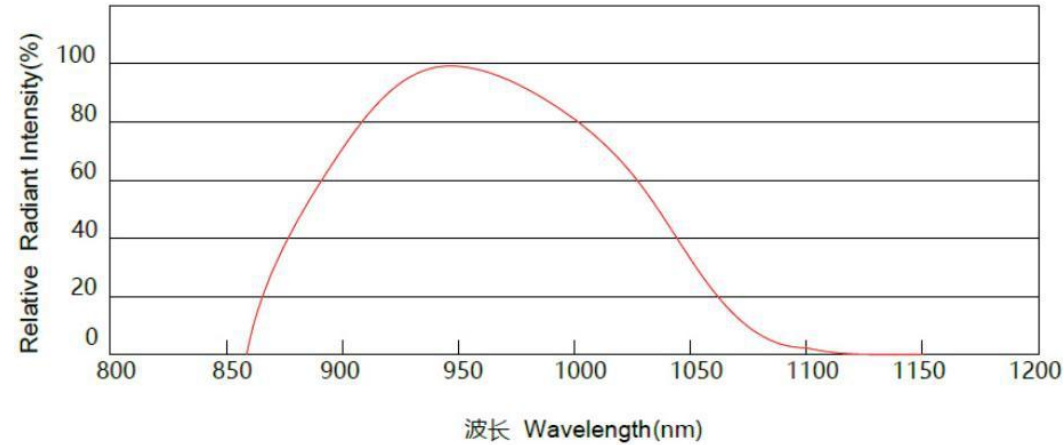
Item	Data
Lighting technology used :	LED
Non-directional or directional :	DLS
Mains or non-mains :	MLS
Efficiency In	>90%
Power Factor	>0.90
Energy Efficiency Class(EU 2019/2015)	B
SDCM	<6
Starting Time	<0.5s
Life time	L90B20@>50000h
Switching Cycles	>100,000 times

Sensing function



CCT Adjust: 3000K、4000K and 6500K
Power Adjust: As Per Table Above
Daylight sensor: Off during the day, On at night --- **Photocell *OPTIONAL**

Daylight sensor use 940nm infrared photosensitive devices, 7S delay turn on and off the light, check the infrared light in the daylight to control the LED floodlight during the day and light at night, to avoid the LED floodlight at night due to the interference caused by the ambient light



Multi angle adjustable

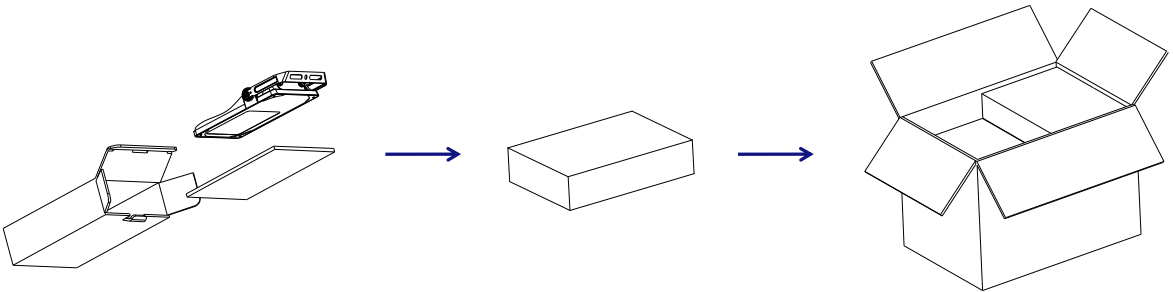
Adjustable angle, the lamp body and bracket can be adjusted to the maximum angle, flexibly adjusting the lighting angle to adapt to different lighting environments. Users can adjust according to the actual lighting environment to achieve maximum lighting efficiency and improve utilization.



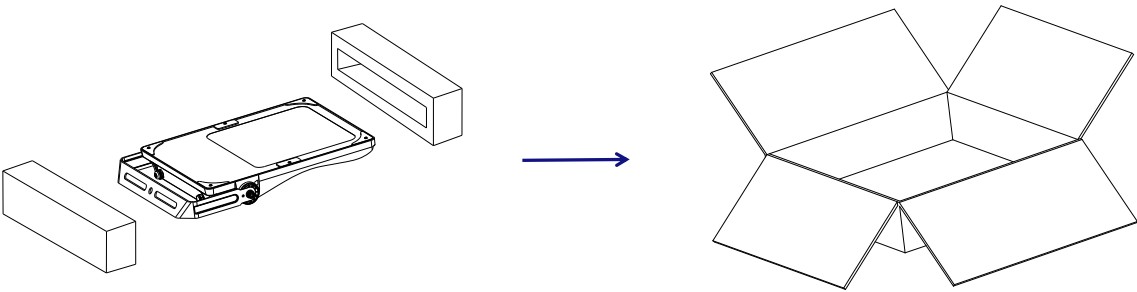
Package Styles

The packaging is protected by pearl cotton inlay, with one outer box for each product to reduce damage during transportation, effectively protecting the product, increasing user purchasing motivation, and increasing stickiness with the user.

30W/50W/80W/100W



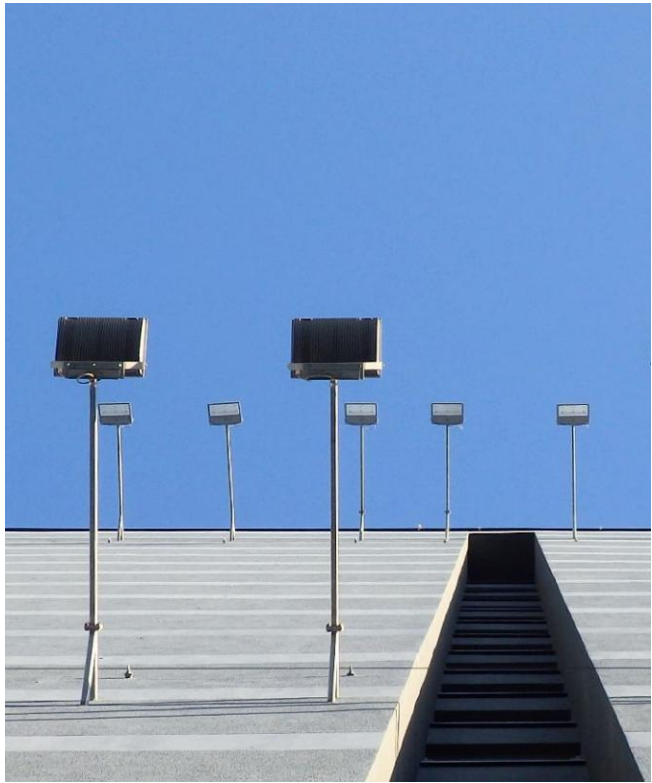
150W/200W/250W/300W/400W



Application

When lighting can respond to various elements in the environment, Provided users with good visibility and created a comfortable and pleasant environment.

Application: Stadium, Wharf, Airport, Tower Crane, Large Outdoor Parking Lot, Basketball Court, Tennis Court, Billboard, Building, Tunnel, Warehouses etc.

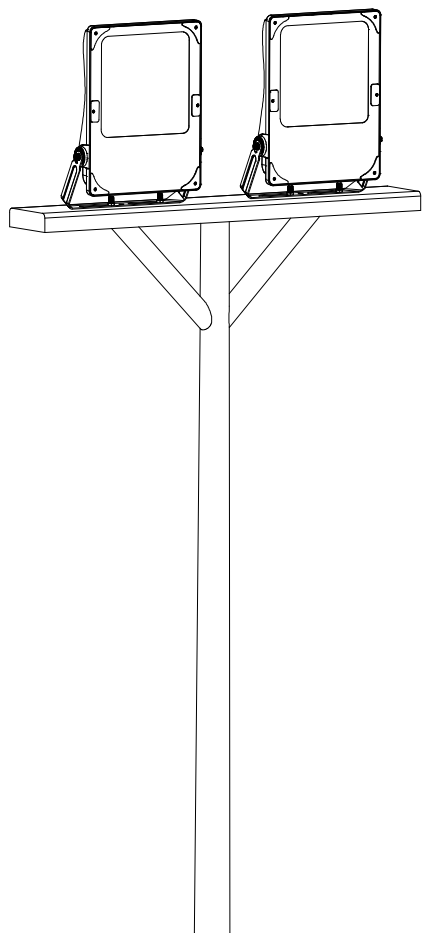




RZ Series Flood Light

The lamp body adopts high-quality die cast aluminum profiles, making the entire lamp structure more sturdy and reliable. It has dimming and color adjustment functions, covering functions such as DALI, D4i, 0-10V, etc. High quality light sources reduce light pollution and do not harm the eyes. To provide you with a soft and comfortable lighting application experience.

LED Flood Light (CCT) Installation



Safety Instructions

Please note the following symbols and safety instructions, in order to avoid damage caused by incorrect assembly or use:

- Electrical installations may only be carried out by qualified electricians.
- Operating and storage of luminaire must be within rated temperature and humidity operation must be within rated input voltage.
- Keep away from strong electromagnetic radiation source and lightning strike.
- Should the unit malfunction, return to distributor or reseller. No user serviceable part inside. Risk of electric shock, don't disassemble or attempt to repair the luminaire.
- Do not install or use luminaire if the casing is found to be broken.
- The luminaire must be far away from heat, vibration source and should avoid contact with any corrosive chemical.
- Never cover the luminaire with heat isolating material.
- Always turn off power before installation and replacement.



Advice for environmental care

Don't put this article to normal domestic waste after it meets the end of life. You have to bring it to a staging area for electrical wastes. That's the meaning of this symbol which you can find directly on article, in the assembling instruction or on the packaging. The materials are recyclable at the basis of their identifications. With the recycling of these materials you have influence in environmental protection. Ask your local government for nearest staging area.

Changes: Do not make any changes to the lamp or its connecting cable.

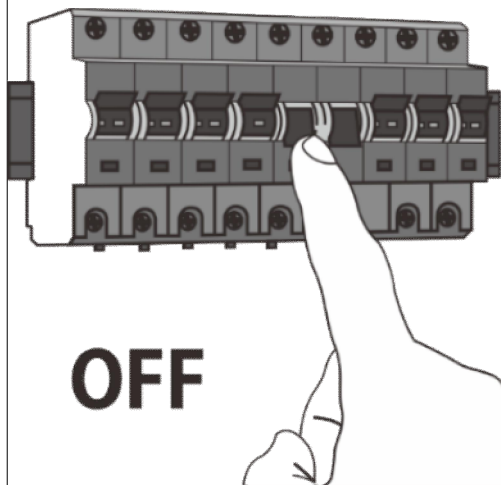
Connecting cable: The exterior flexible cable of this light cannot be replaced. Scrap the lamp, if this cable is damaged.

Commissioning: Do not operate the lamp if it or its connecting cable show visible signs of damage.

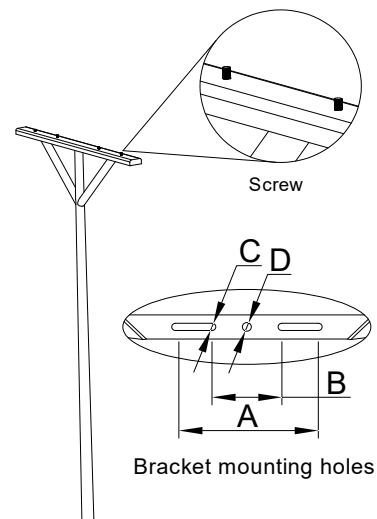
Changing illuminant: Before replacing the illuminant ensure that the light is not turned on! Lights and illuminants will become hot in operation. Allow them to cool off before a change.

LED Flood Light (CCT) Installation

Step 1

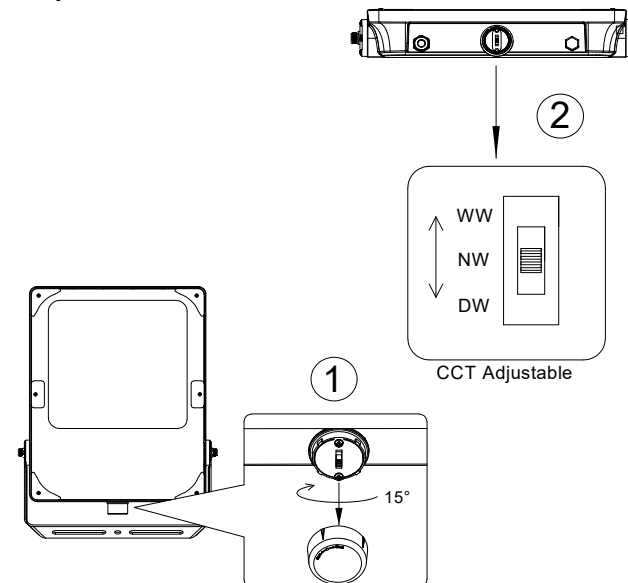


Step 2

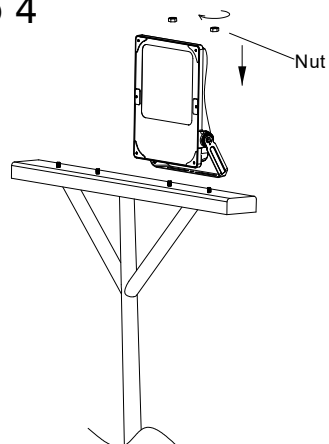


Model	A(mm)	B(mm)	C(mm)	D(mm)
50W	100	50	11	11
100W	150	50	11	11
150W	210	50	11	11
200W	210	50	11	11
300W	210	50	11	11

Step 3



Step 4

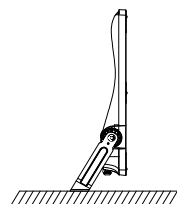
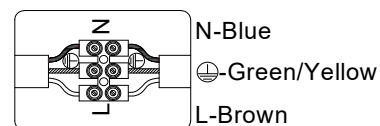
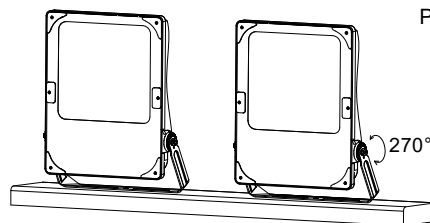


X2	M10*8mm(50~300W)
Torsion	20N.m

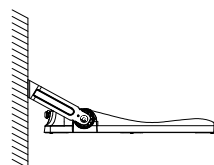
Step 5

Warning

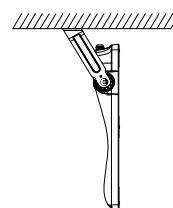
Please make sure the power off before operation



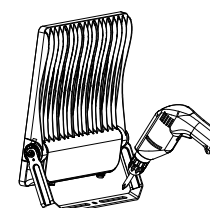
Horizontal Installation



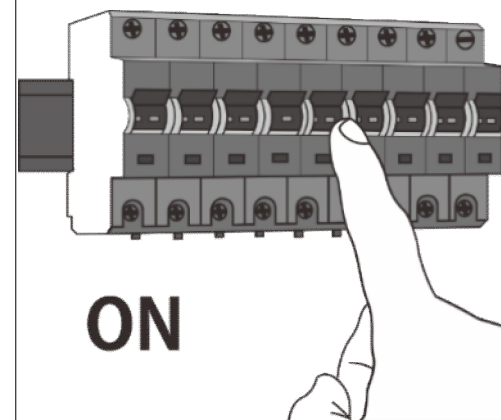
Wall Mounting



Ceiling Installation



Step 6

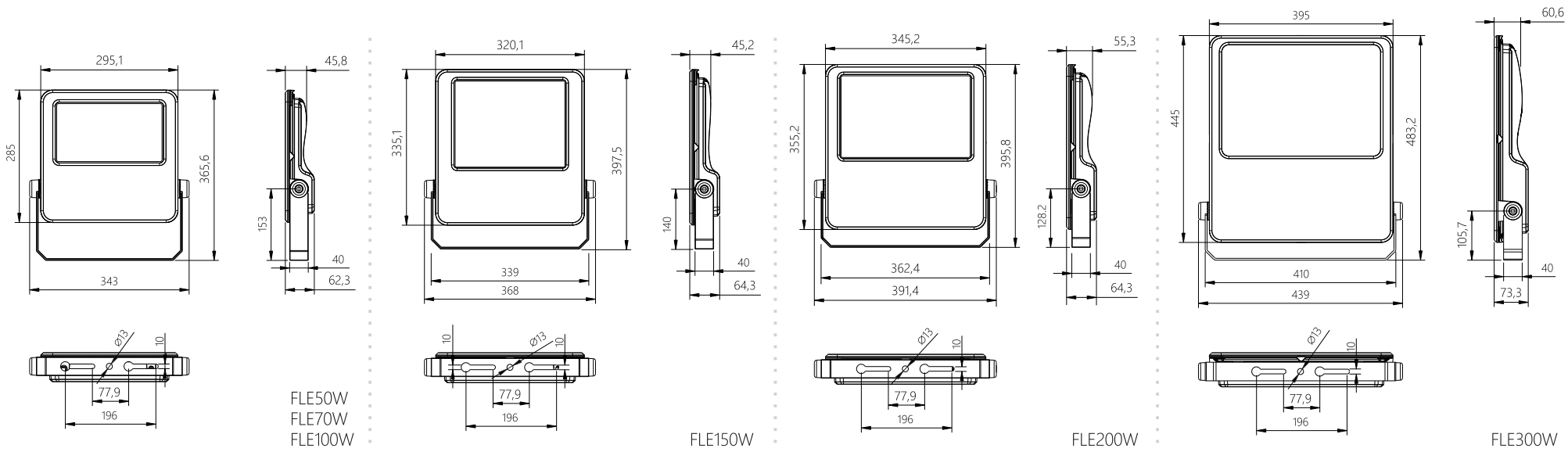




Gemini series flood light provides a solution for recreational sports and area lighting, Provides a variety of different angles of light distribution design to meet the lighting needs of different occasions. Tempered Glass and Polycarbonate Optical Lens, Protection level up to IK08 and IP66. Constant Current Power Driver, L80B20 can reach more than 100,000 hours.



Dimension



Parameter

Model NO.	Power (W)	Luminous Flux 170lm/W
KR-FLE-50W	50	8500
KR-FLE-100W	100	17000
KR-FLE-150W	150	25500
KR-FLE-200W	200	34000
KR-FLE-300W	300	51000

AC Input : 100-277V 50/60Hz
Brand of LED Driver : TBC
Light Source : 2835/ 5050(P45 Optics Lens)
CRI Range : Ra>80
CCT Range : 3000K / 4000K / 6500K

Light Efficiency : 170±5% Lm/W
Beam Angle : 120°
Housing : Aluminum Alloy
Waterproof : IP66 & IK08
L80B20@25°C : >100000H
PF:≥0.95 THD<15% Power Efficiency:≥0.9
Certifications: TUV, CE, CB, UKCA, SAA
Warranty : 5 Years

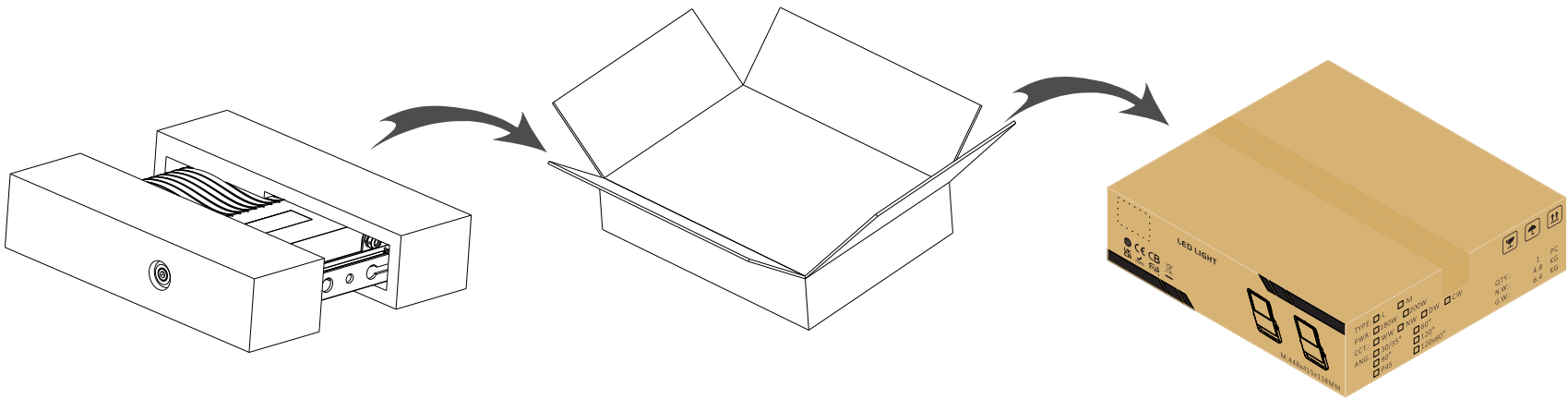
Above lumens based on 4000K Ra:80

Light distribution curve



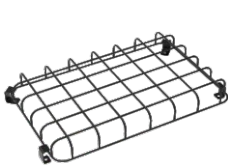
120°

Package



Model	Qty.	N.W.(kg)	G.W.(kg)	Meas(mm)
KR-FLE-50W KR-FLE-100W	1Pc/ctn	3.2	3.7	419x365x116
KR-FLE-150W	1Pc/ctn	3.9	4.5	448x391x118
KR-FLE-200W	1Pc/ctn	4.8	5.6	448x415x118
KR-FLE-300W	1Pc/ctn	6.1	7.2	535x462x127

Mounting accessories



A01



A02



A03



A04



A05

accessories	image	material	dimensions	weight	accessory use
Optional (only 200W&300W)	A01	sus304	350x218x58mm 400x271x57mm	0.35kg 0.40kg	Protective the glass cover
Optional	A02	carbon steel	686x160x75mm	2.1kg	Wall extension installation
Optional	A03	carbon steel	850x103x80mm	3.7kg	Installation on top of lamp pole
Optional	A04	carbon steel	350x174x50mm	1.0kg	Wall corner mounted lamp
Optional	A05	carbon steel	200x100x50mm	1.3kg	Round pole mounted lamp

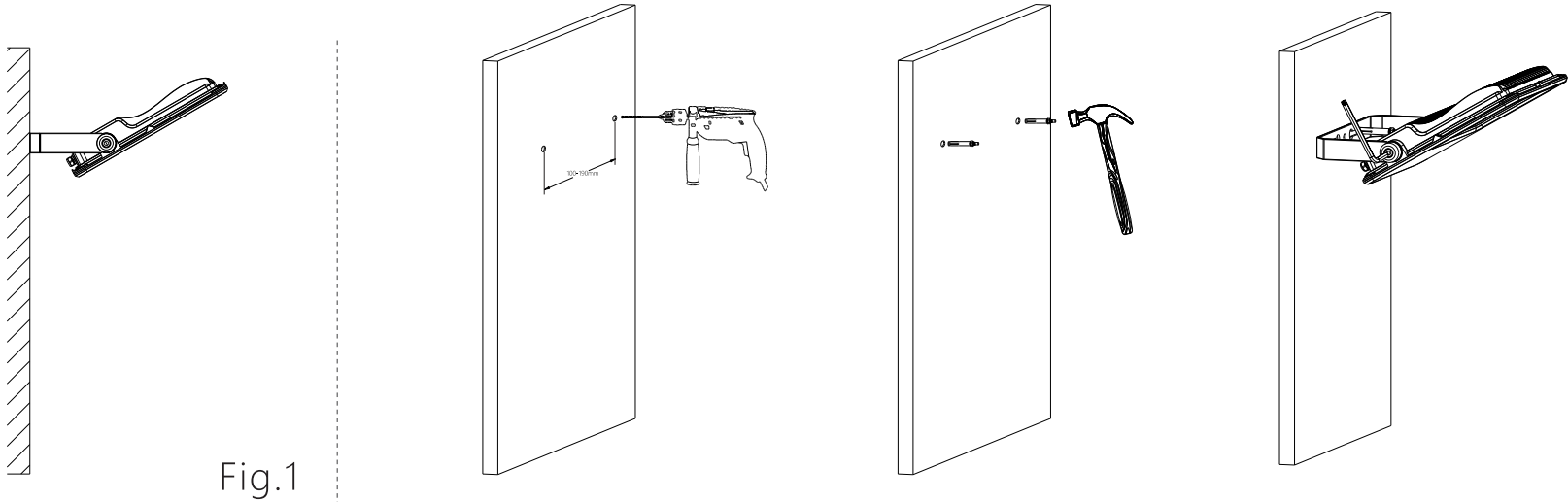


Fig.1

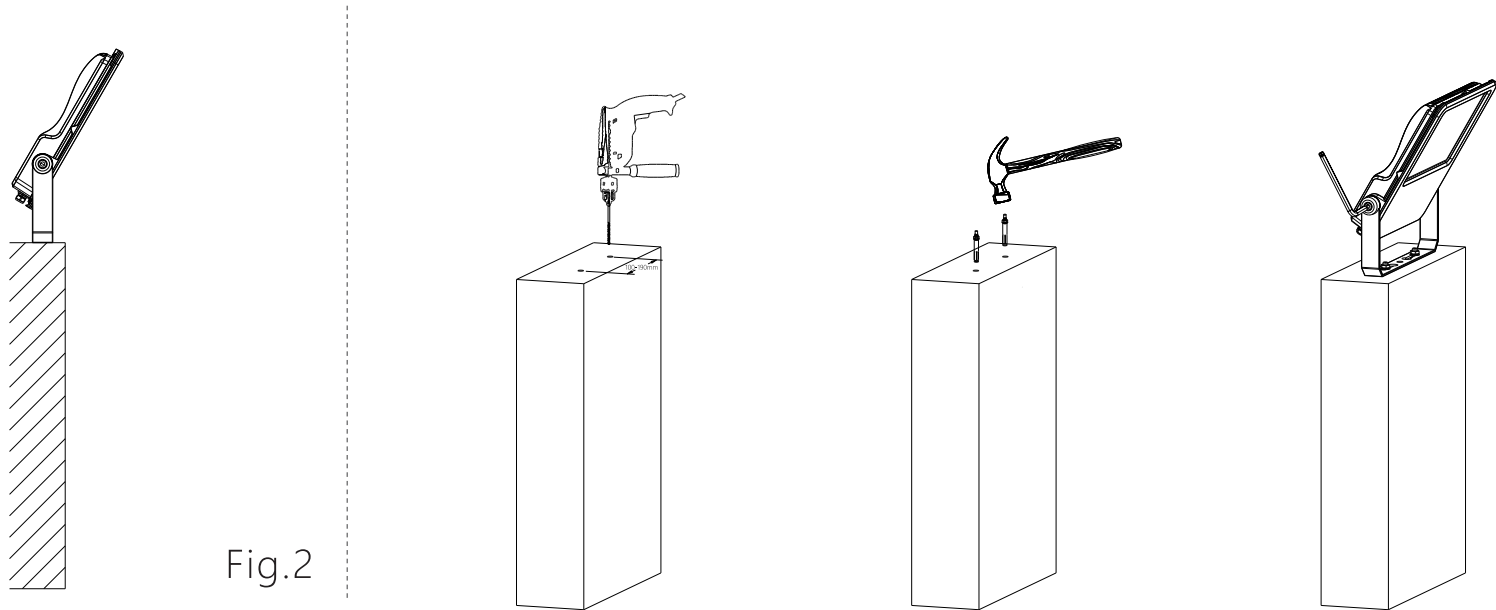
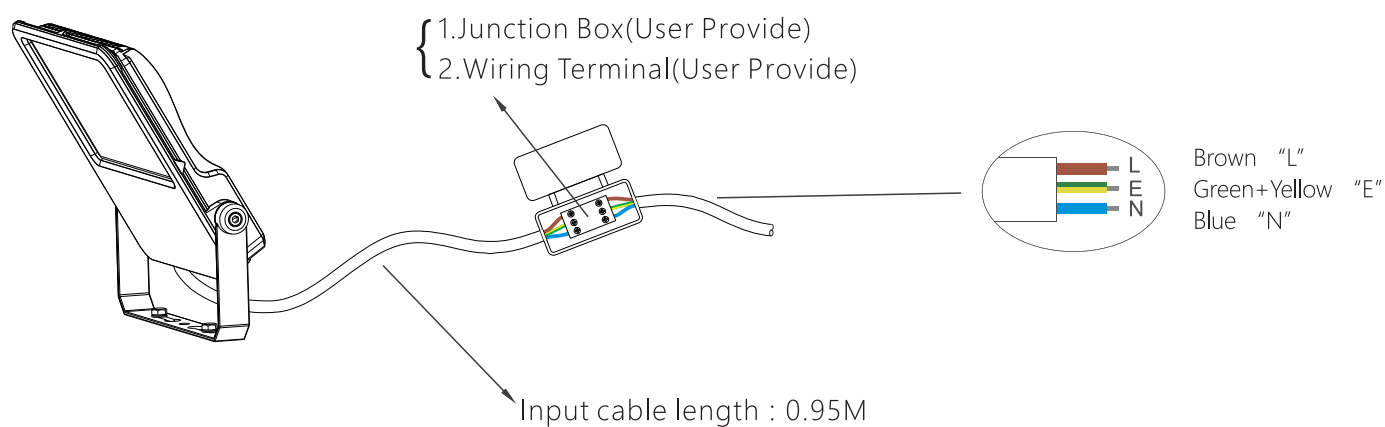


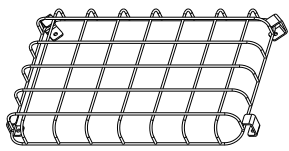
Fig.2



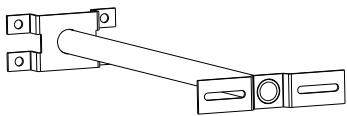
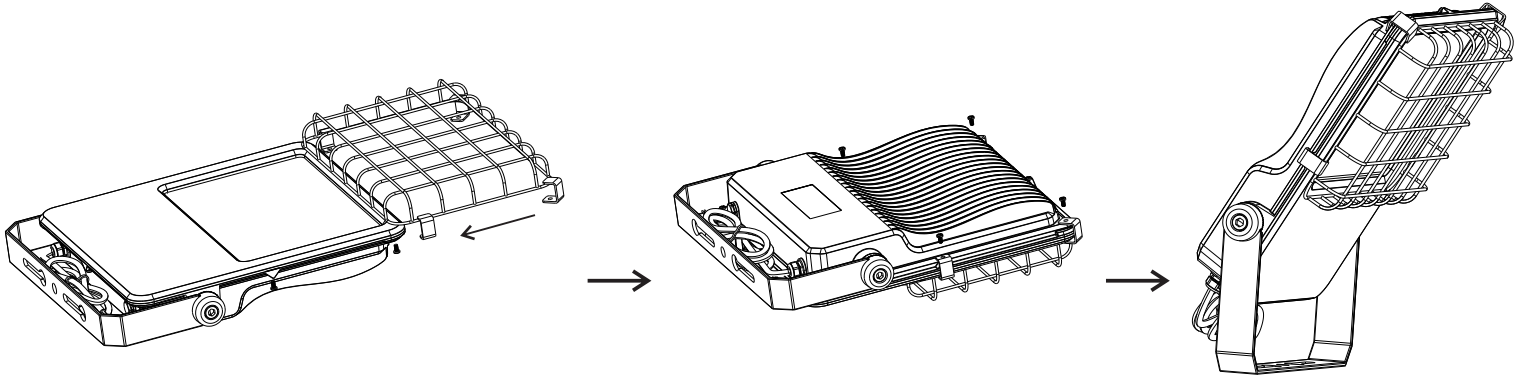
Installation steps

- A :Punch two holes with a spacing of 100-190mm
- B : Install the setscrews.
- C: Put the lamp card into the setscrews and lock it tightly.
- D. Connect the power cable.
- E: Adjust the lamp angle and clean it.

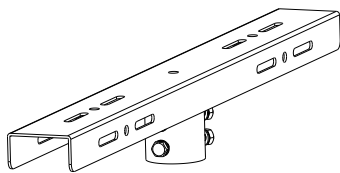
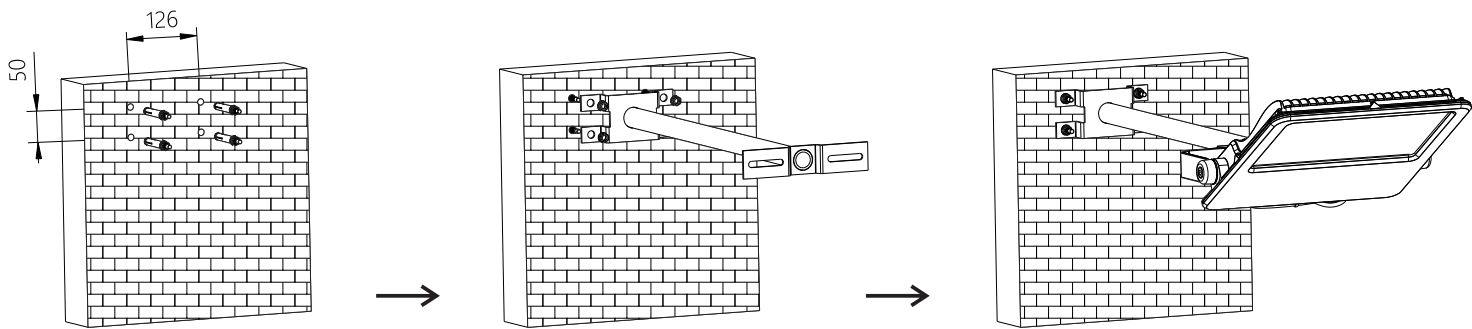
Note : Please make sure the power off before opertion, Installation must be performed by skilled electrician who are familiar with the requirements and proper installation methods of LED luminaire. In order to avoid damage or hazard;
The external flexible cable or cord of this luminaire can not be replaced, if the cord is damaged, the luminaire must be destroyed;
The light source contained in this luminaire shall only be replaced by a qualified person;



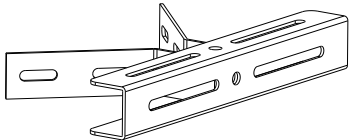
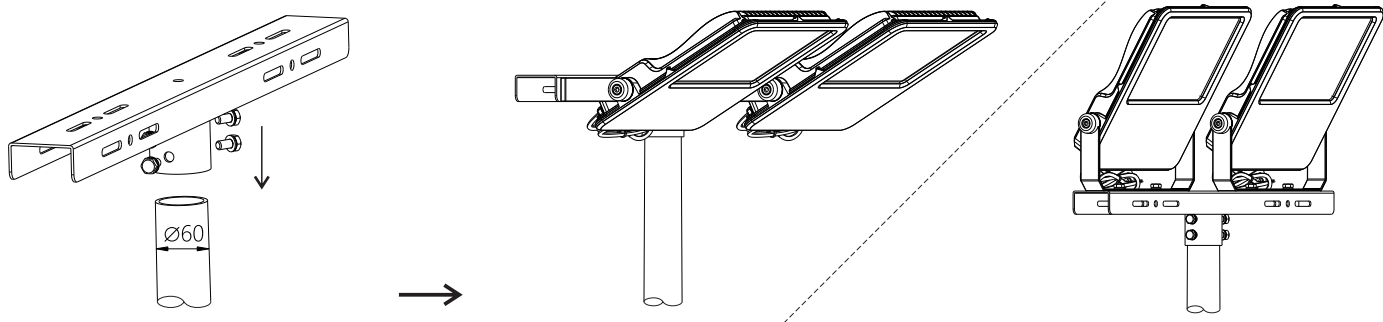
A01



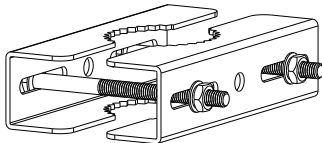
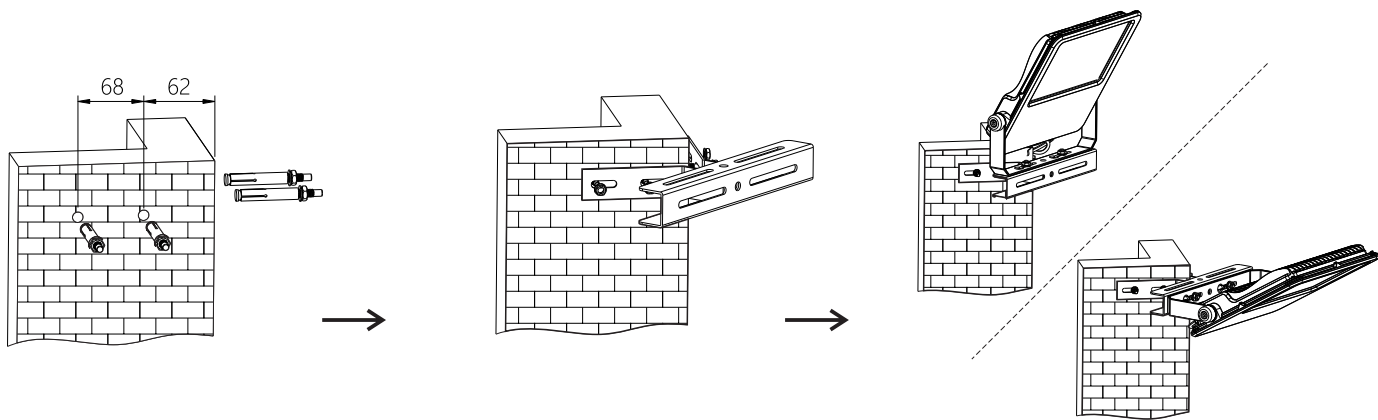
A02



A03



A04



A05

