

Specification

LED Marine Flood Light



Wind Proof

Modular design and open design ensure light weight and less pressure from high wind, which makes it able to resist typhoon-level wind blow

IP68 Waterproof

High level waterproof rating is able to protect flood lights from vapor, sea water immersion

Before shipping, 24 hours underwater test will be conducted to prove its waterproof function.

Anti-Corrosion

To apply high quality aluminum housing and stainless steel mounting bracket to achieve salt spray proof and anti-corrosion.

70% Energy Saving

300w flood lights can replace 1000w metal halide lights

Polycarbonate optics lens enable the floodlights to be 5-10 times brighter under the same wattage

Electric light source parameters

ITEM NO	LS-FLN	Power	100W to 1000W
Light Source	Bridgelux	Input Voltage	90-295VAC 50-60HZ 380V/480V AC
Power Factor (PF)	≥0.95	Power Efficiency	≥90%
Light Angle	10 ° 25 ° 40 ° 60 ° 90 ° 120 °	Color Temp	2700-3500K 5000-6500K 6500-7500K
Color Index(CRI)	80	LED Luminous Efficiency	140lm/W to 180lm/W
Work Temperature:	- 25° C ~ 60° C	Storage Temperature	- 40° C ~ 80° C
Working Humidity	10 % ~ 90 % RH	IP Rating	IP68
Life Span	≥100000 hours	Light Attenuation(100000h)	30%
300w Marine Flood Light As Example			
Light Body Size (L*W*H)	660x435x75mm	Lamp Net Weight(KG)	18.5kg
Package Size (L*W*H)	740x515x180mm	Total Weight(KG)	24.8kg

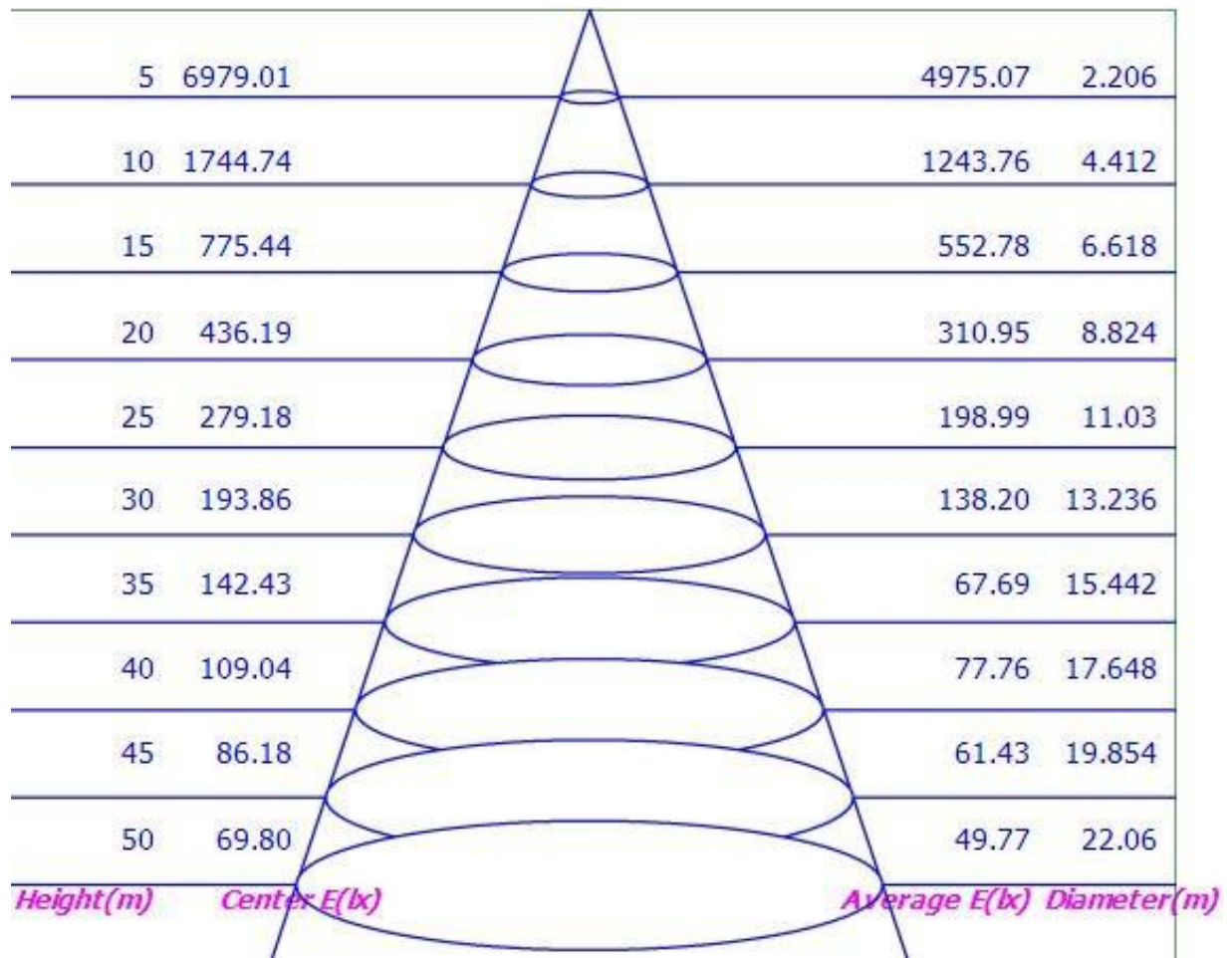
IES Flood Report

Photometric Filename:LS-FLN-300-25de.iesz

Illuminance-Distance Diagram

Lamp Name:	LS-FLN-300-25de	Color Temp:	5000-6000k
Lamp Name:	300w marine led light 25de	Color Index(CRI)	80
Light Source	Bridgelux	LED Luminous Efficiency	180lm / Watt

Illuminance-Distance Curve



Beam Angle:25

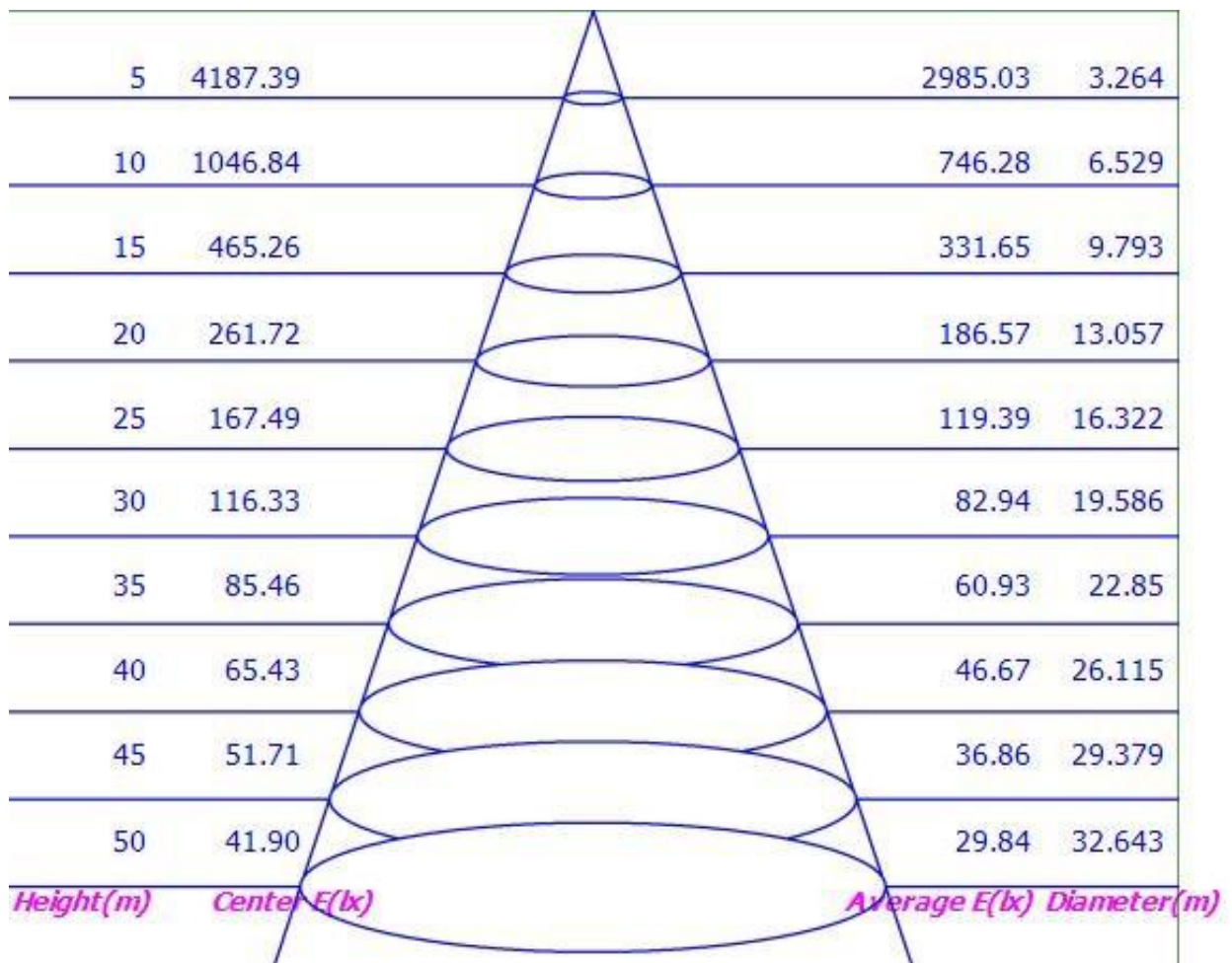
IES Flood Report

Photometric Filename:LS-FLN-300-40de.iesz

Illuminance-Distance Diagram

Lamp Name:	LS-FLN-300- 40de	Color Temp:	5000-6000k
Lamp Name:	300w marine led light 40de	Color Index(CRI)	80
Light Source	Bridgelux	LED Luminous Efficiency	180lm / Watt

Illuminance-Dtance Curve



Beam Angle:40

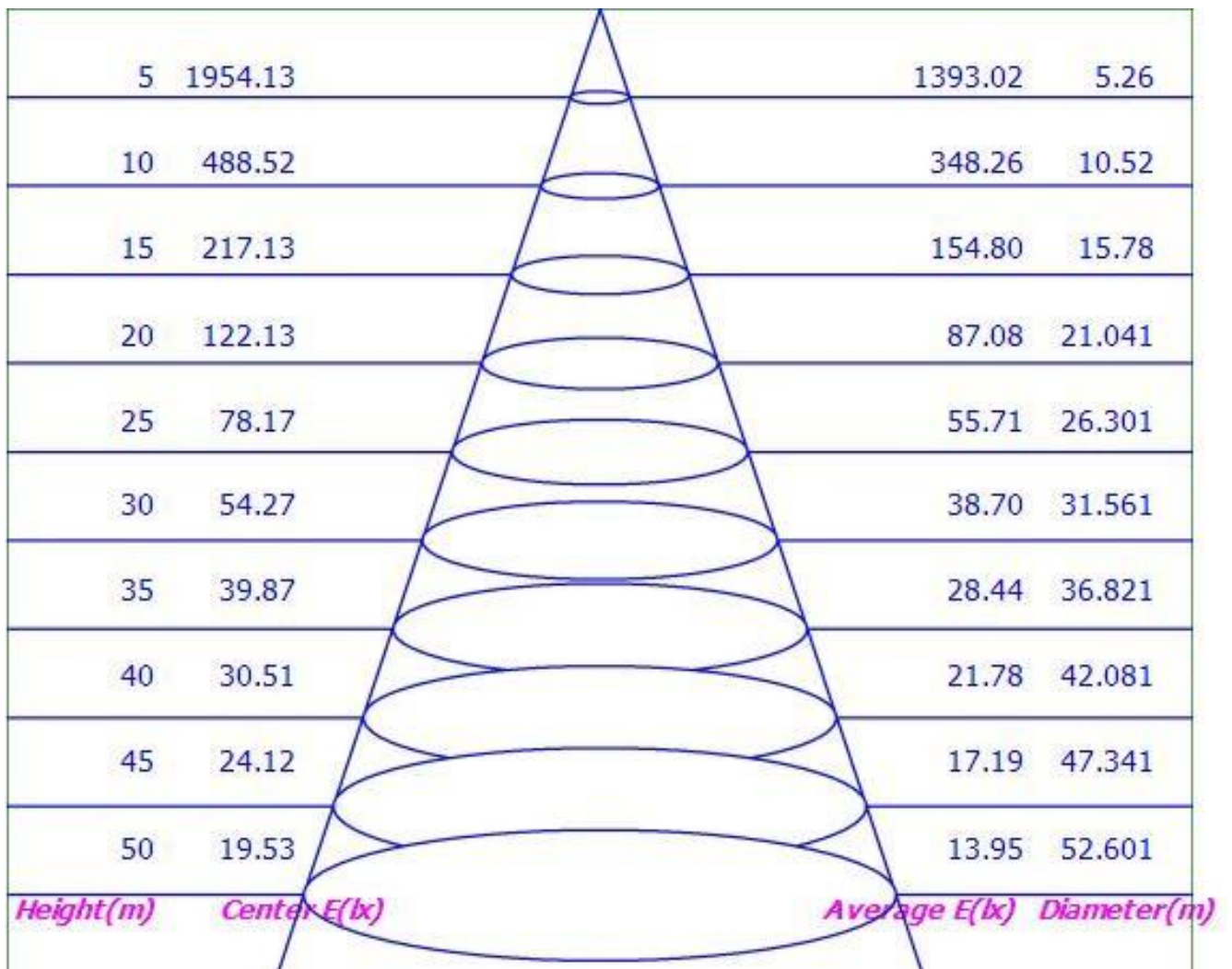
IES Flood Report

Photometric Filename:LS-FLN-300-60de.iesz

Illuminance-Distance Diagram

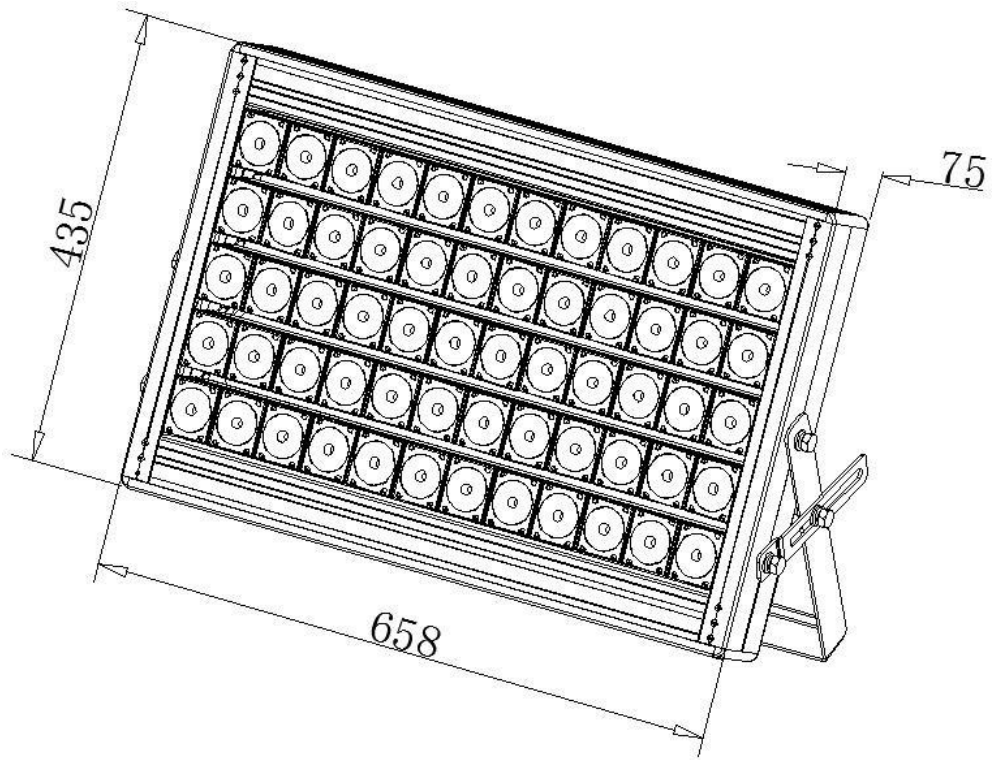
Lamp Name:	LS-FLN-300- 60de	Color Temp:	5000-6000k
Lamp Name:	300w marine led light 60de	Color Index(CRI)	80
Light Source	Bridgelux	LED Luminous Efficiency	180lm / Watt

Illuminance-Dtance Curve

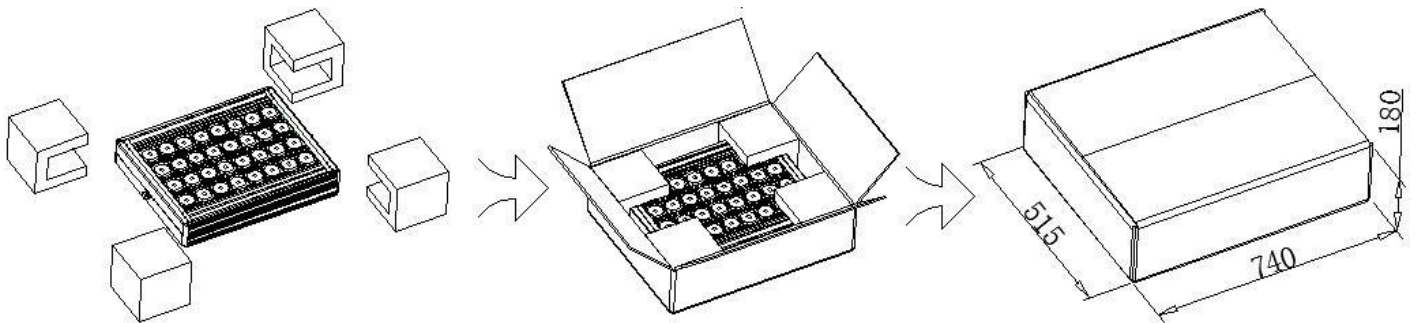


Beam Angle:60

Dimension: :boundary dimension
unit (mm)

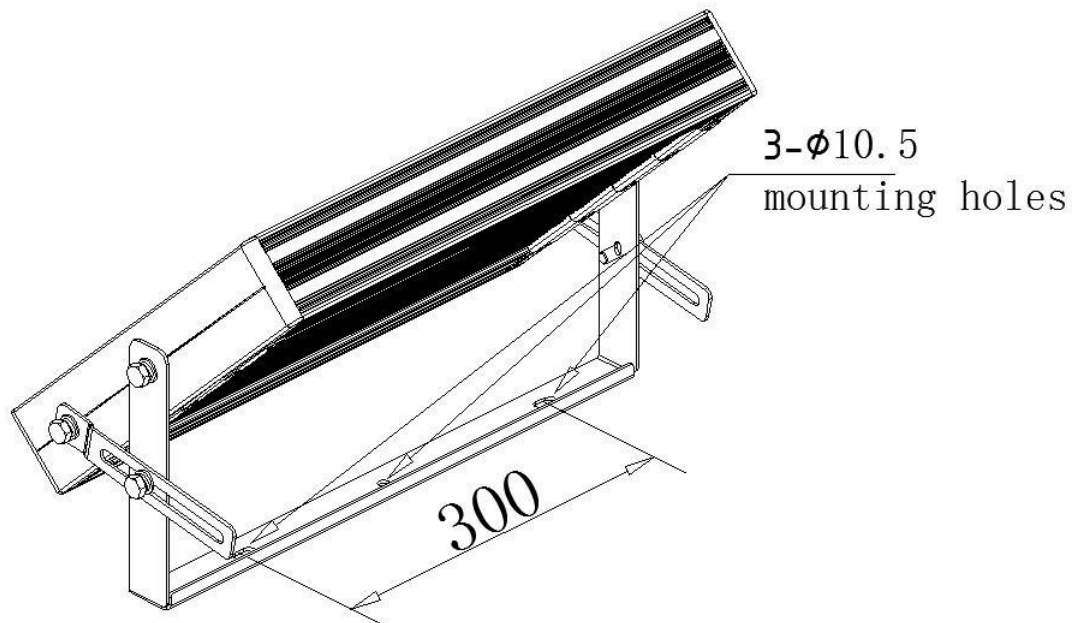


Package size:
unit (mm)

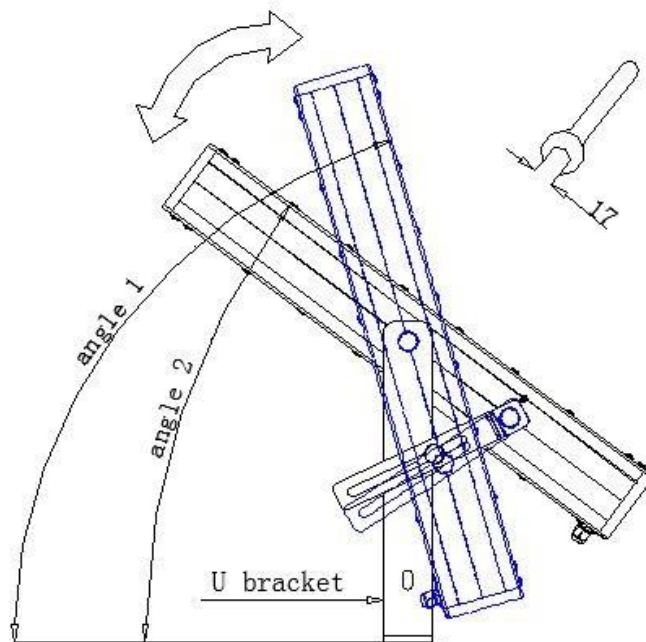


Installation procedure:

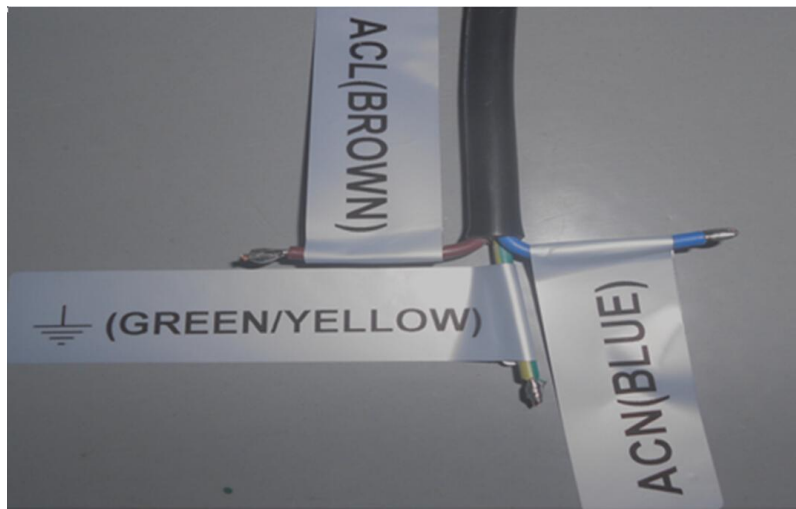
1. As shown the three holes to install the product on the user installation plane



2. According to user requirements adjust the angle of the U bracket and luminous surface then use wrench(17#) tighten the bolts and make sure the bracket is firmly connected with the luminaire body.



3.Connect the power cables as below

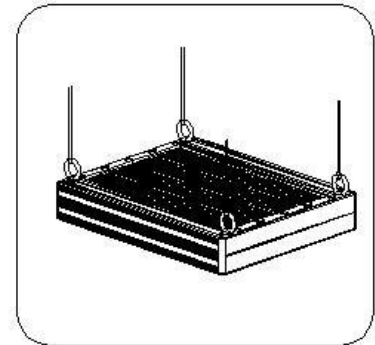
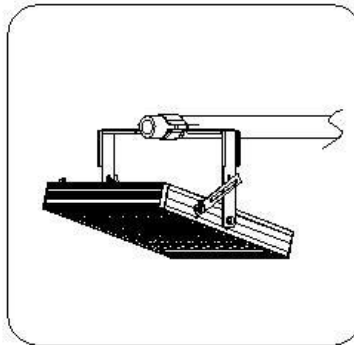
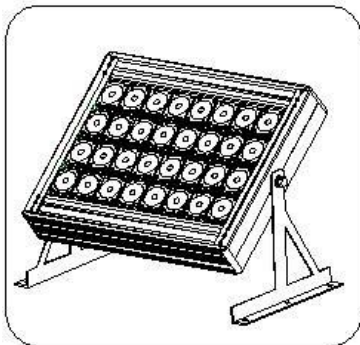


ACL: Connect the Brown input

ACN: Connect the Blue input

Ground Line: Connect the Green/Yellow input

4The user can also choose other installations as below



4. Power Switch on,make sure light on.

5. Other installation methods support: Hook, Pendent, Chain, etc.

Remark:

1. Make sure power off when installing or changing spare parts;
2. Make sure local working voltage could match the lamp.