# ARK-LED FLOOD LIGHT
# ADJUSTABLE WATTAGE/CCT

## *Features*

### Delicate appearance design

The unique curved design gives the floodlight a high-quality aesthetic. Requirements of different customers can be met through professional optical lens. Black and bronze housing are both good choices according to clients' choices.

### Good heating dissipation

Using the material of ADC 12 aluminum alloy as radiator, the LED pin temperature does not exceed 65°C.

### Low light attenuation

Within 1000hrs, the light decay is less than 3%, while the traditional attenuation of incandescent lamp is at least 30%. It can light up to 8 years and is equipped with a 5-year warranty.

### High waterproof rate

Using structural waterproofing, the Flood Light has a high waterproof rate of IP65 and is suitable for outdoor use.
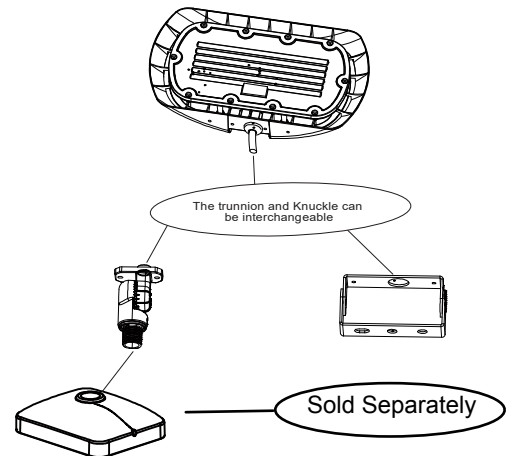
### High consistency on lamp direction

Precise scale on the bracket ensures consistent mounting angle.

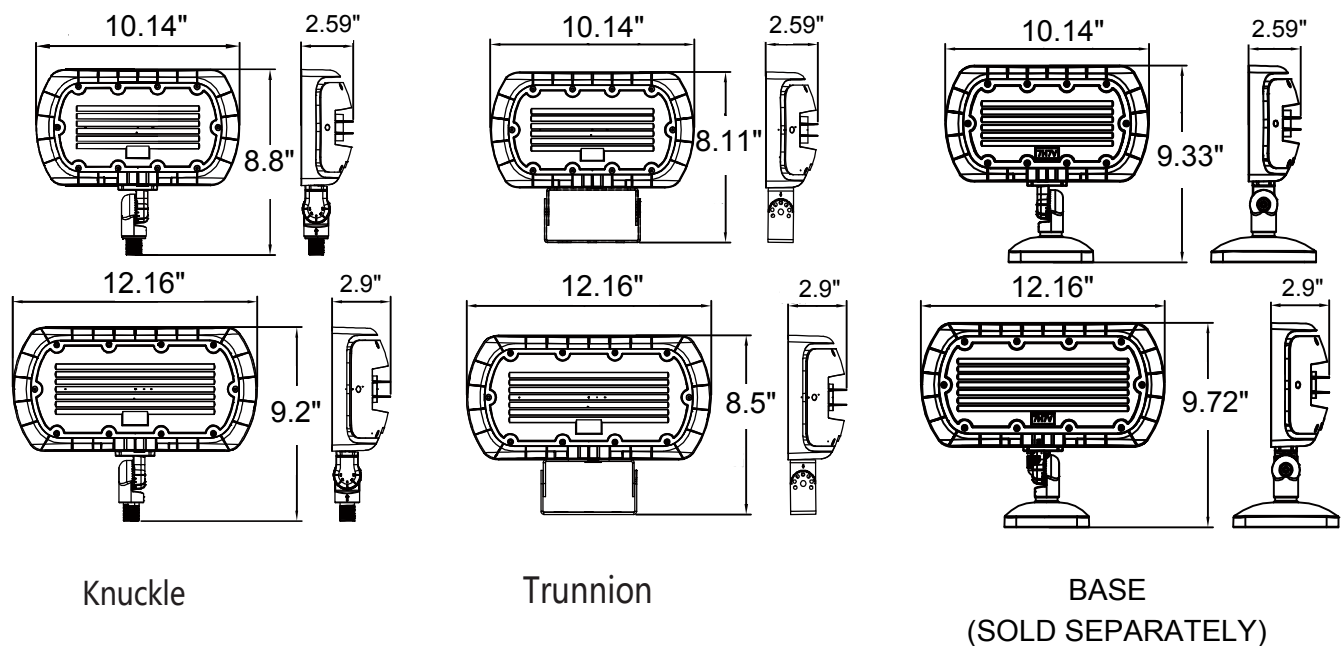### User-friendly design, high installation efficiency, a variety of brackets for choice.

30-50W:Two brackets for choice,can be interchangeable.
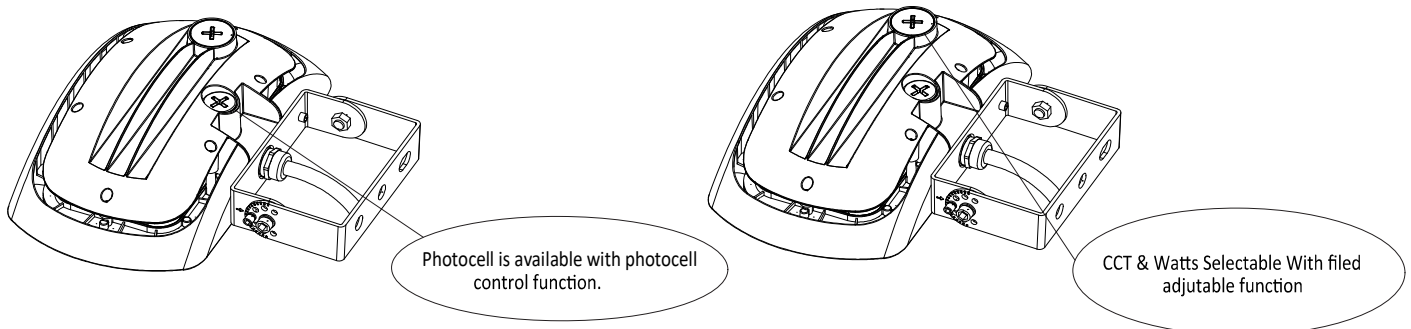50-90W:Two brackets for choice, can be interchangeable.

The trunnion and Knuckle can be interchangeable

Sold Separately

## *Product Dimension*

10.14"    2.59"    8.8"

10.14"    2.59"    8.11"

10.14"    2.59"    9.33"

12.16"    2.9"    9.2"

12.16"    2.9"    8.5"

12.16"    2.9"    9.72"

Knuckle

Trunnion

BASE
(SOLD SEPARATELY)

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# Lighting Parameters

| | ARK-SP50W-TCP-Y | ARK-SP90W-TCP-Y |
|---|---|---|
| Power | 50W | 90W |
| Working Voltage | AC120-277V | |
| Wattage abjustable | 50W/40W/30W | 90W/70W/50W |
| Lighting Efficiency | 120LM/W | |
| Lamp Bead Model | 2835 | |
| Certificates | UL | |
| CCT | 3000K/4000K/5000K | |
| Lighting Angle | 7H7V | |
| Color Rendering Index | Ra>80 | |
| Working Temperature | -40 ℉ ~+113 ℉ | |
| Storage Temperature | -40 ℉ ~+158 ℉ | |
| Waterproof Rate | IP65 | |
| Life span | 〉50000H | |
| Lamp shell | Brown | |

Photocell is available with photocell control function.

CCT & Watts Selectable With filed adjutable function

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## *Packing /weight*(Do not pass drop test)

| Power | Inner box (L*W*H) | Qty/Ctn (pcs) | Outer box (L*W*H) | N.W/pcs (lbs) | G.W/Ctn (lbs) | Type |
|---|---|---|---|---|---|---|
| 50W | 11.73"*4.09"*10.31" | 5 | 21.45"*12.32"*11.29" | 2.86/1.3 | 17.63/8 | Yoke knuckle |
| 90W | 13.70"*4.40"*10.70" | 5 | 23.03"*11.29"*11.69" | 3.74/1.7 | 22.04/10 | Yoke knuckle |

# Step of adjusting  Power

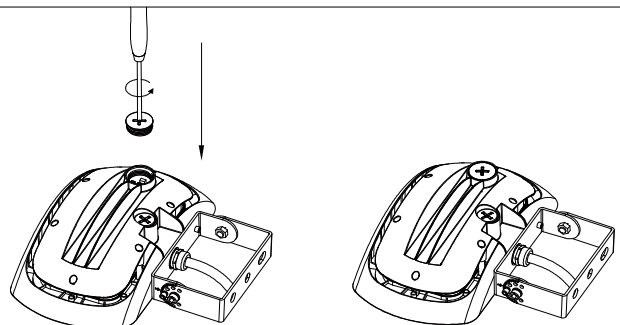Step 1: Put the front of fixture downward,then twist out the cover with a cross screwdriver.
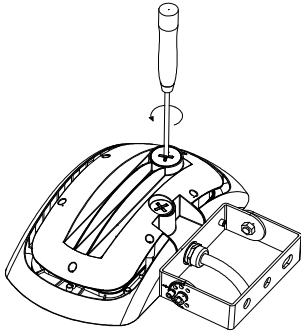
Step 2: Take out the cover and put it aside temporarily.
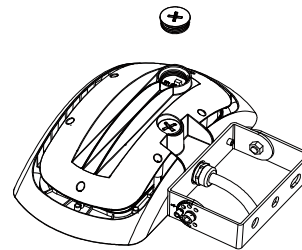
Step 3: Select desired color temprature and wattage.

POWER

CCT
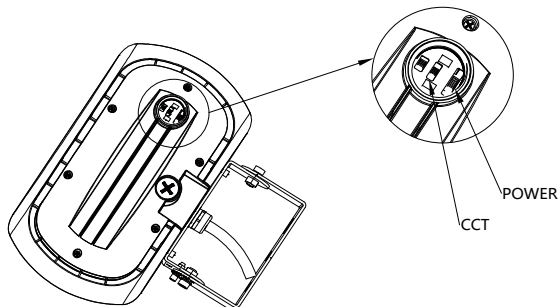
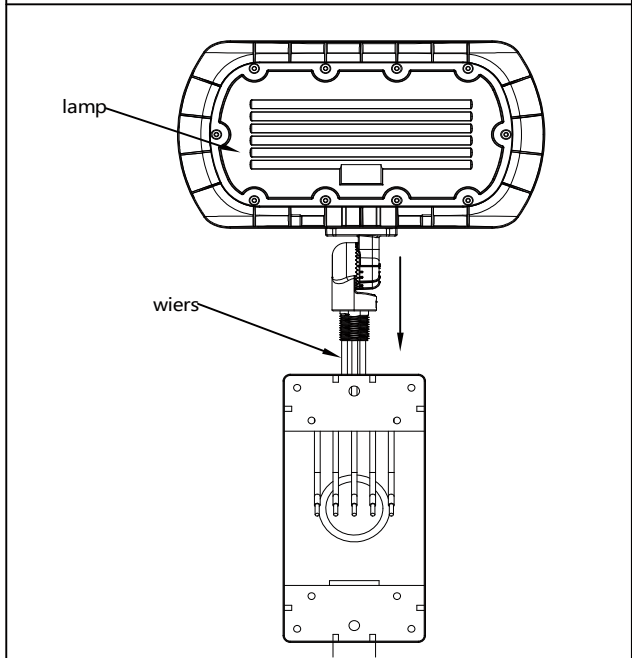Step 4: Screw the cover back into the fixture.

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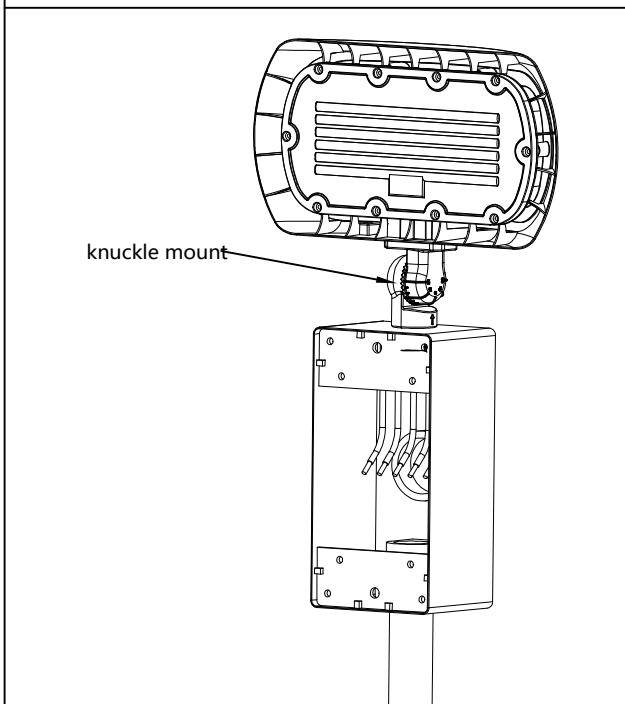
# *Installation Instruction* (Kunckle)

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1.Use a screw key to loosen the screw, then take off the junction box cover.

Waterproof gasket

Junction box cover

Srcew

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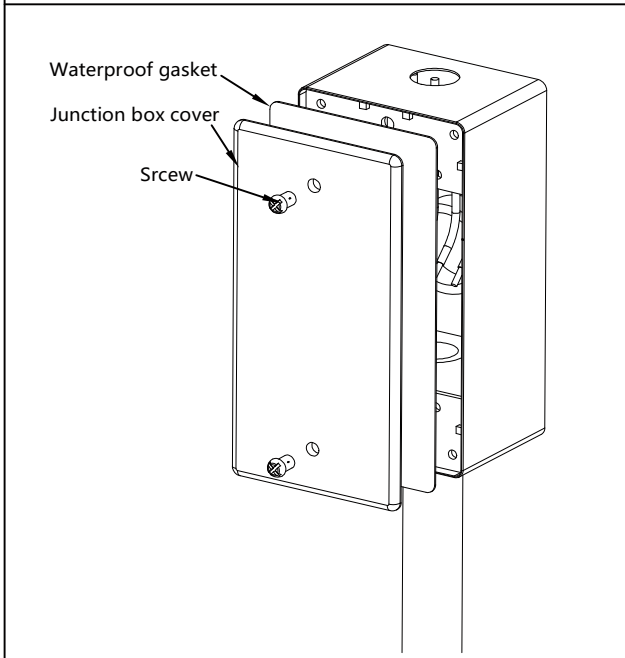
2.Put the wires of lamp into the junction-box.
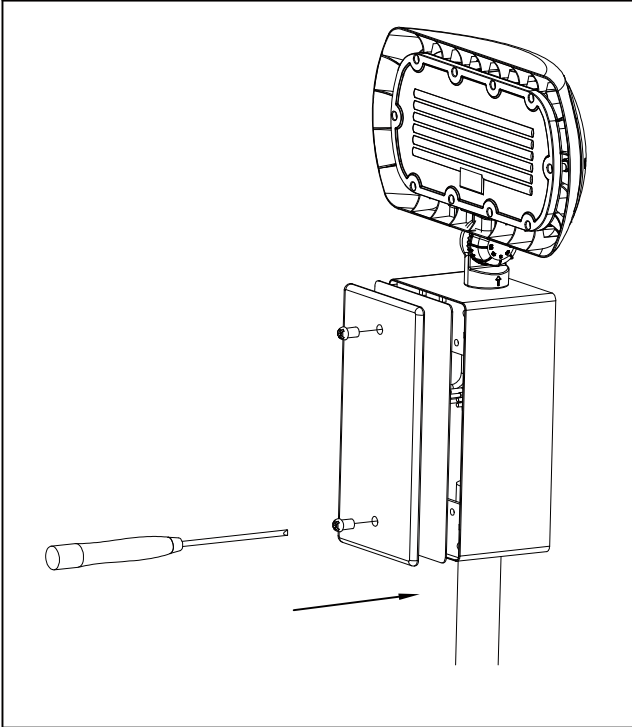
lamp

wiers

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3.Screw up the knuckle mount into junction-box

knuckle mount

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4. Use wire-nuts to connect the wires of lamp to AC wires inside of the junction-box.

(1)

(2)

(3)

L ——— Black
N ——— White
⏚ ——— Gerrn

DC(+) ——— Purple(DIM+)
DC(-) ——— Pink(DIM-)

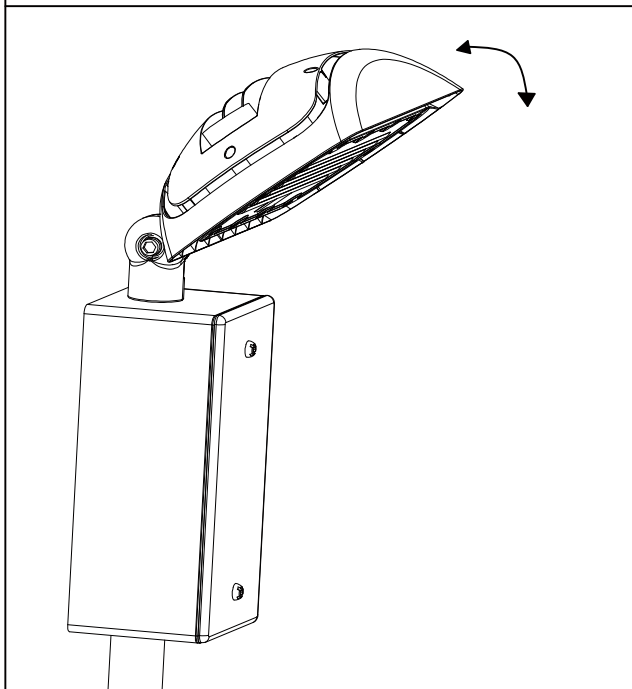This step can be omitted if with non -dimdriver

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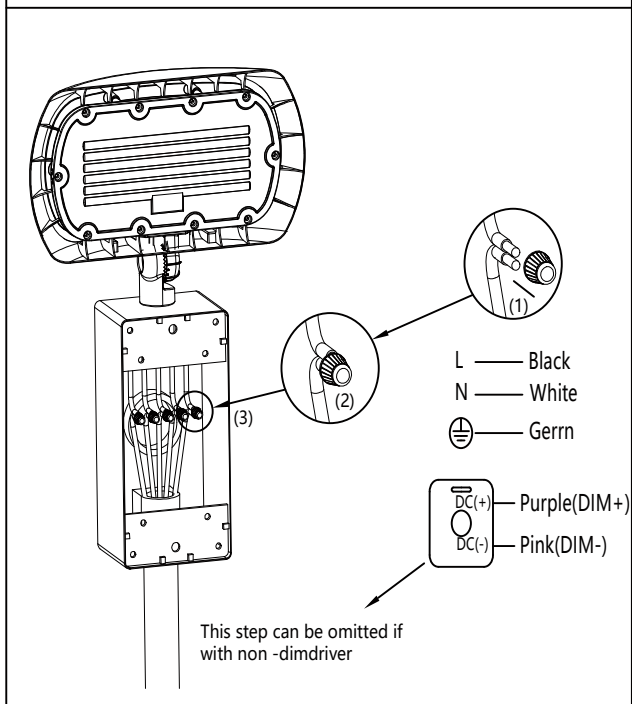
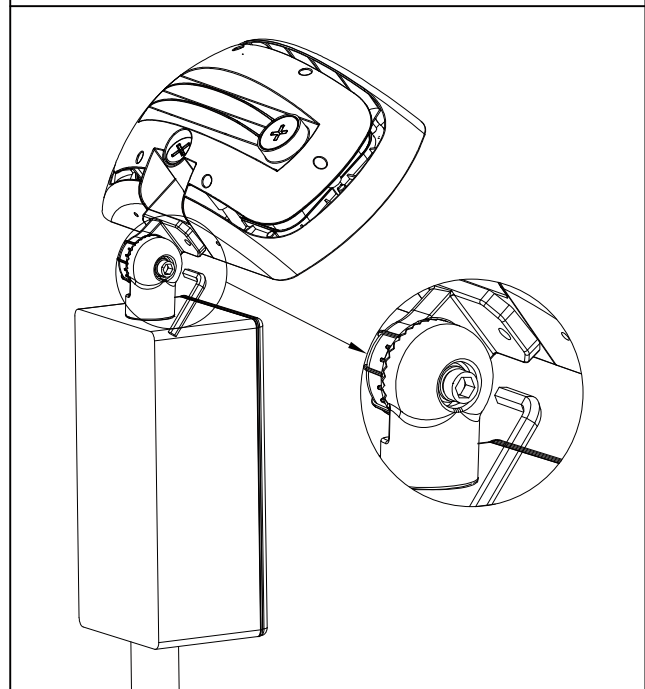5. Lock the junction-box with screw key.

6.Use hex-key to screw off the hex-screw in knucklemount
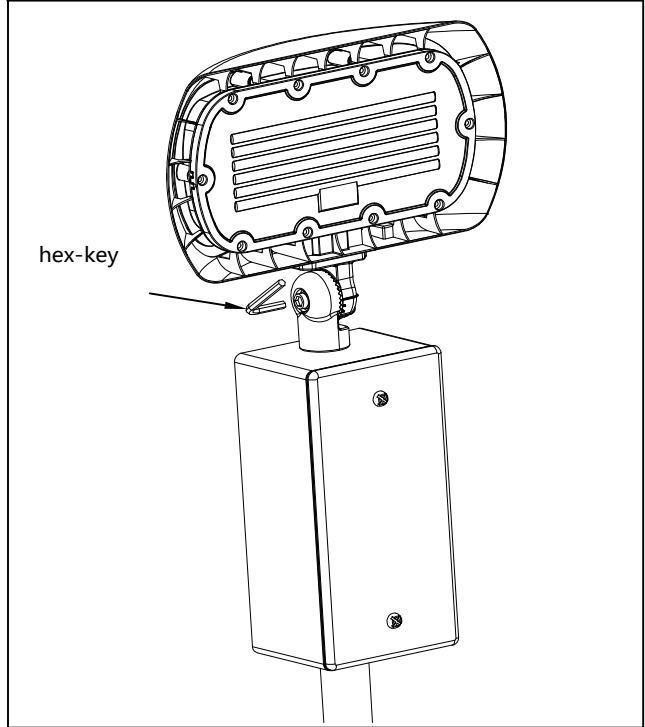
hex-key
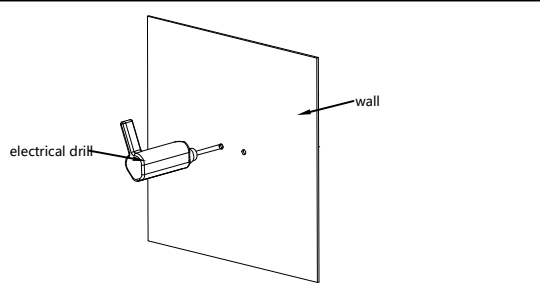
7.Djust the lamp into suitable angle.

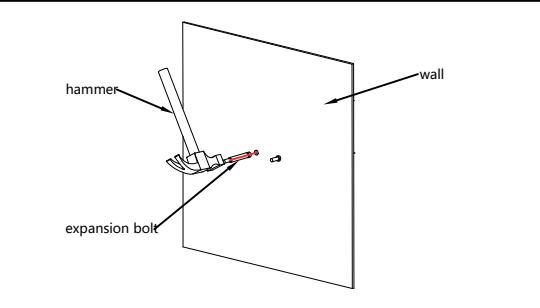8. Use hex-key to screw up the hex-screw. Installation completed.
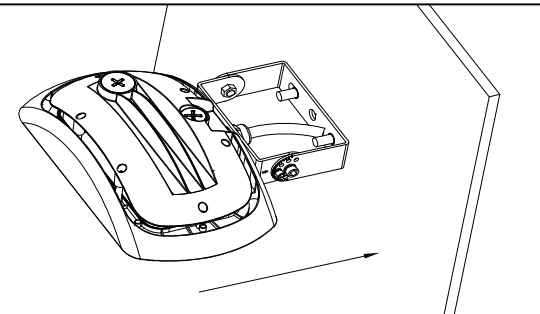
# *Installation Instruction* (Trunnion)

1.Mark the position of the fixing holes with foold ligh tbracket, then drill the fixing holes

wall

electrical drill

2.Drive in the bolts to the pre-drilled holes with thre adoutside, as the below pic indicate.
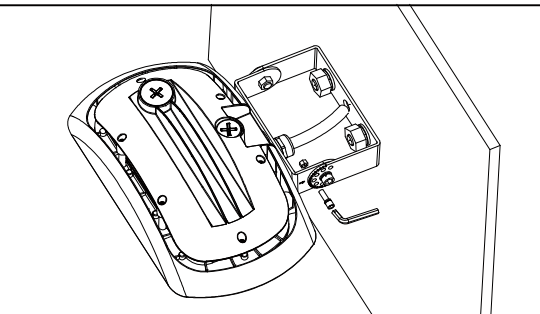
hammer

wall

expansion bolt

3.Make the bracket face tightly to the wall through the thead.

4.Fasten the srew nut clockwise with provided hard wareby wrench.

flat wahser
spring washer
scerw nut
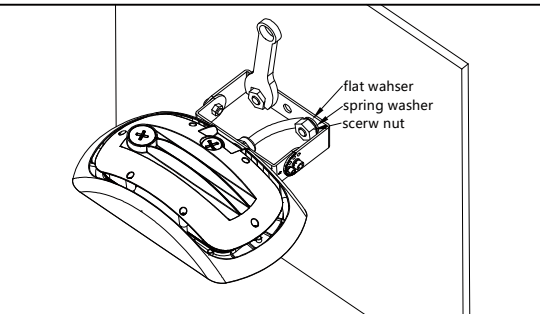
5.Use an allen screwdriver to twist out the limit screw, being careful about the nut.

6.Rotate the fixture to the desired position, then tighten the screws.

7.Connect wires

L ——— Black
N ——— White
⏚ ——— Gerrn

DC(+) ——— Purple(DIM+)
DC(-) ——— Pink(DIM-)

This step can be omitted if with non -dimdriver

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