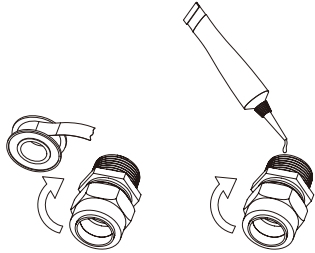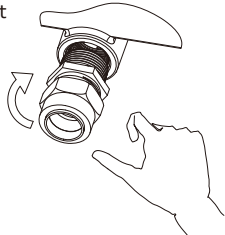## NPT Assembly Instructions:

STEP 1: Inspect port and fitting to ensure that both are free of contaminants and excessive burrs and nicks.

STEP 2: Apply a stripe of an anaerobic liquid pipe sealant around the male threads leaving the first two threads uncovered. If no liquid sealant is available, wrap Teflon tape (width of 12.7mm and thickness of 0.1mm) 2.5- 3 turns in a clockwise direction, viewed from the pipe end, leaving the rest two threads uncovered.
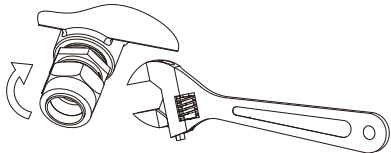
CAUTION: Teflon tape and some pipe sealants are destructive to hydraulic components. Always use extreme caution and follow manufacturer's recommendations for proper application of any sealant in order to prevent contamination.
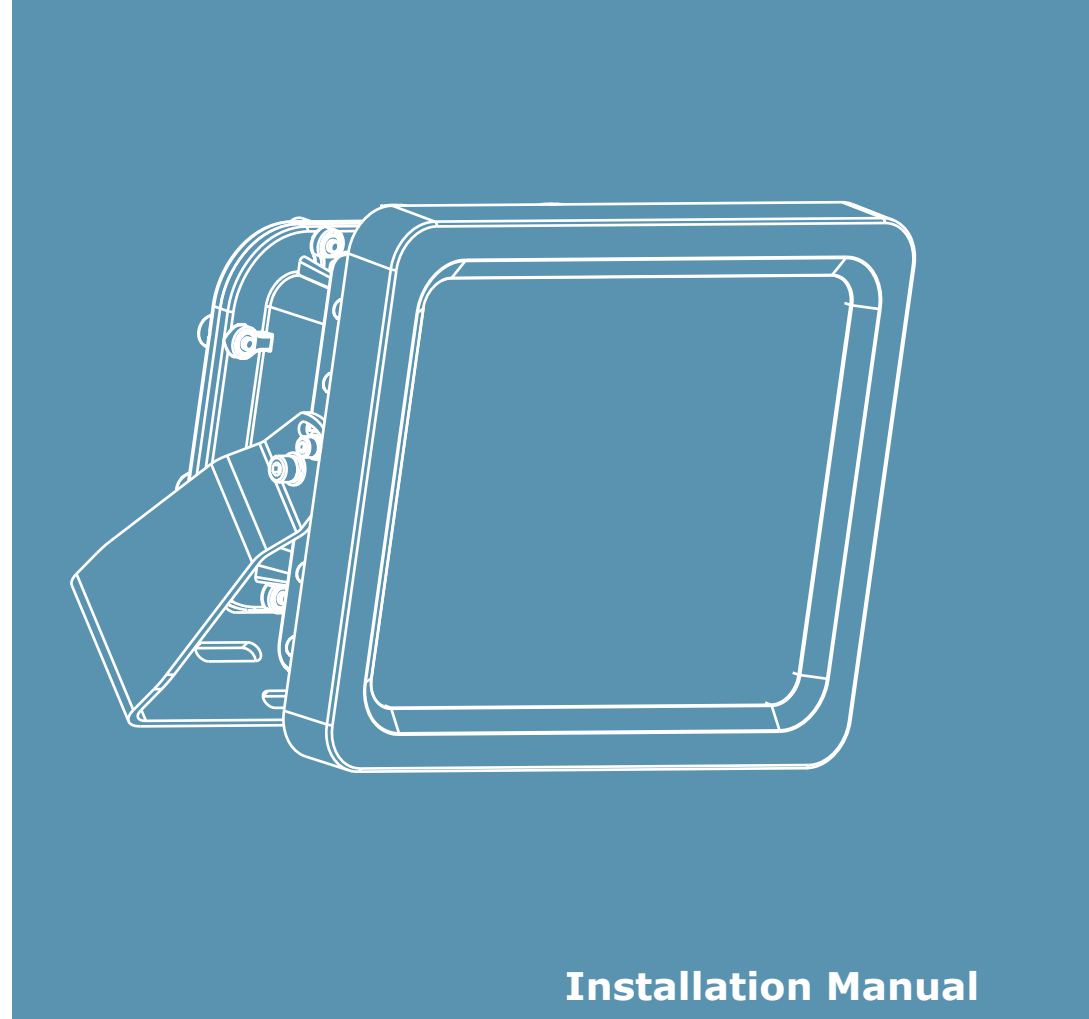
STEP 3: Screw finger tight into the port

STEP 4: Wrench tighten the fitting to the correct Turns Past Finger Tight position. A properly assembled fittings total thread engagement should be 3.5 to 6 turns.

CAUTION: Never back off an installed pipe fitting to achieve proper alignment. Loosening installed pipe fittings will corrupt the seal and contribute to leakage and failure.
(*Applicable standard: ASME B1.20.1-2013)

Installation Manual

Industrial LED Luminaire

LED Explosion-proof Floodlight

Industrial LED Luminaire

LED Explosion-proof Floodlight

Product Features

- 5-year Warranty
- Wet location rated
- IP66

Packing List

- 1* LED Luminaire
- 1* Accessories box
- 1* Installation Manual （Ver. 01/01/2015）

BEFORE YOU BEGIN
Read these instructions completely and carefully.

RISK OF ELECTRIC SHOCK
- Turn power off before inspection, installation or removal.
- Properly ground electrical enclosure.
- Make sure the supply voltage is the same as the rated luminaire voltage.

RISK OF FIRE
- Follow all NEC and local codes.
- Use only UL or IEC approved wire for input/output connections.
- Do not operate in ambient temperature above that indicated on
  the luminaire nameplate.
- Operating Temperature: -30ºC ~ +50ºC (-22°F to +122°F)

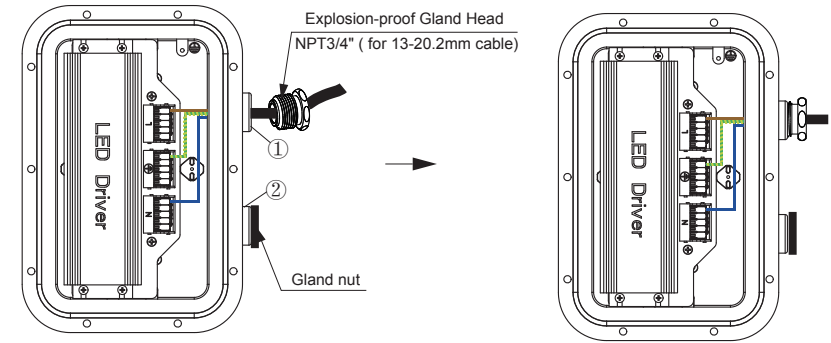## Certification

Wiring

1.Connect supply wires to luminaire wire leads per the wiring diagram using methods that comply
   with all applicable codes.
2.Turn power on.
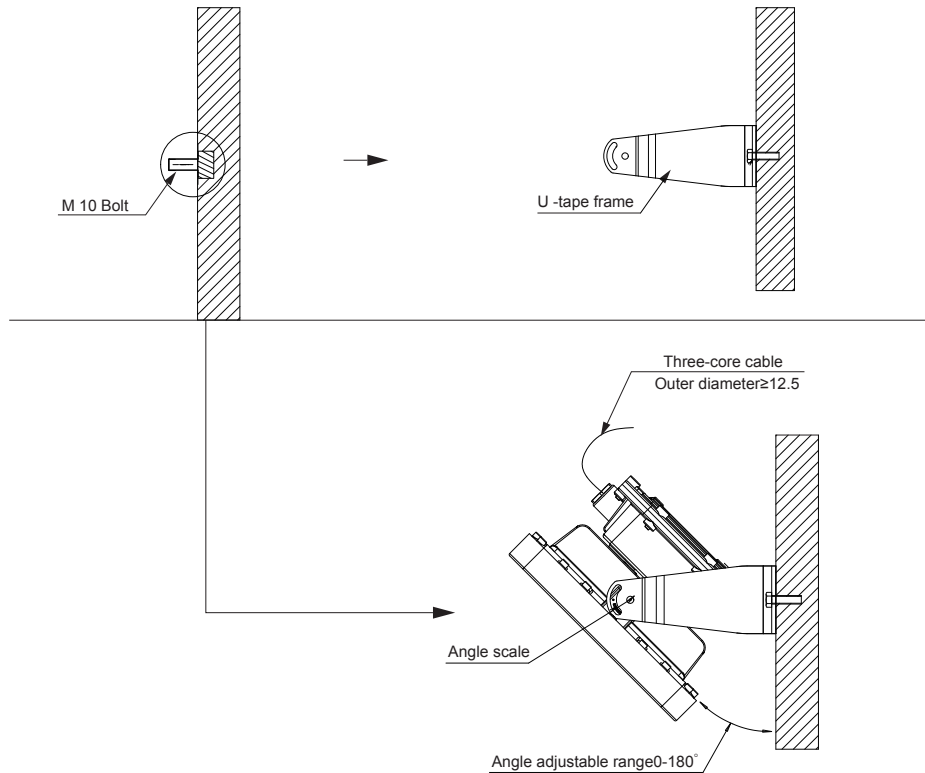3.Check whether it concerns an AC(Alternating Current)based or DC(Direct Current)based system.

Explosion-proof Gland Head
NPT3/4" (for 13-20.2mm cable)

LED Driver

① ②

Gland nut

Troubleshooting

Symptom	Solution
Luminaire does not turn on.	• Check that the color of the supply side wires matches the color of the wires they are connected to.
	• Check that all wire connectors are properly connected
	• Verify that your input voltage is within specs.
	• If you are using any additional controls IE wireless controls / motion sensors,please also verify that those are working properly and that the unit is setup to interface with the controllers.
Mounting insert slides from side to side.	• Check that the mounting insert is properly tightened using the adjustment screws provided.

- The product should not be placed in municipal waste.
- Check local regulations for disposal of electronic products.
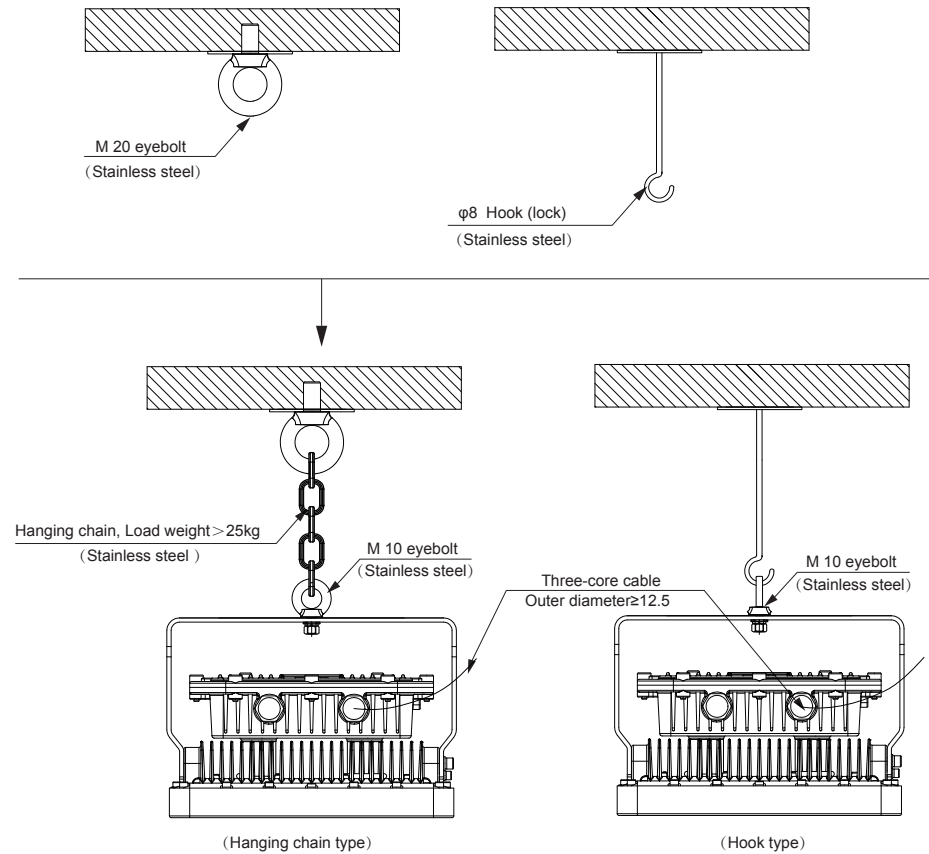- Features and specifications are subject to change without notice.

B: Wall Type

1.According to the bracket hole distance, installed two M10 bolts on the side wall;

2.Tighten the bracket from two sides to wrench tight.

3.Bolt the universal mounting bracket and tighten the M10 bolts to the field mounting point.

4.Wiring.(Connect supply wires to luminaire wire leads per the wiring diagram using

   methods that comply with all applicable codes.)

M 10 Bolt

U -tape frame

Three-core cable
Outer diameter≥12.5

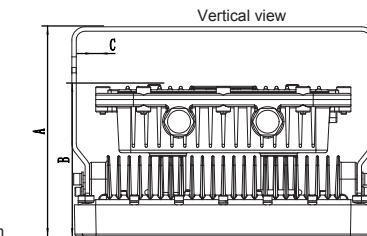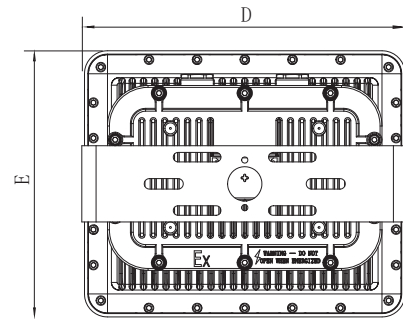Angle scale

Angle adjustable range0-180°

C. Pendant Type

1.Install a M20 eyebolt or hook on the roof;

2.Tighten the bracket from two sides to wrench tight.

3.Tighten the M10 eyebolt attached to the hanging ring to ensure the hanging ring is securely

   connected to the light fixture.

4.Wiring.(Connect supply wires to luminaire wire leads per the wiring diagram using...

M 20 eyebolt
（Stainless steel）

φ8 Hook (lock)
（Stainless steel）

Hanging chain, Load weight＞25kg
（Stainless steel ）

M 10 eyebolt
（Stainless steel）

Three-core cable
Outer diameter≥12.5

M 10 eyebolt
（Stainless steel）

（Hanging chain type）

（Hook type）

D: Floor Type

1.According to the bracket hole distance, installed two M10 bolts on the ground or pipe stand.

2.Tighten the bracket from two sides to wrench tight.

3.Bolt the universal mounting bracket and tighten the M10 bolts to the field mounting point.

4.Wiring.(Connect supply wires to luminaire wire leads per the wiring diagram using

methods that comply with all applicable codes.)

Rotation angle0-180°
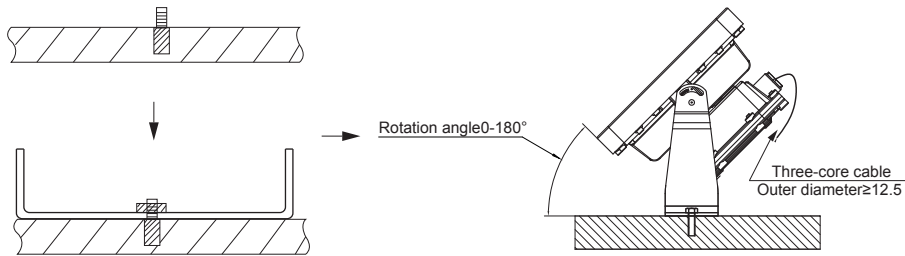
Three-core cable
Outer diameter≥12.5

Product Dimension

- （80W/100W/120W/150W）

A	B	C	D	E
218	159	4	336	279

- （20W/40W/50W/60W）

A	B	C	D	E
205	130	3	240	200

D

E

Ex

Vertical view

C

A

B

Measuring Unit: mm

Front view

Unit Installation

For high performance and long term reliability, the light should be installed in free air. Carefully unpack unit and properly inspect for defects before installing. Wear work gloves to prevent dirt and oil from polluting the luminaire.

A: Ceiling Type

1.According to the bracket hole distance, installed two M10 bolts on the roof.

2.Tighten the bracket from two sides to wrench tight.

3.Bolt the universal mounting bracket and tighten the M10 bolts to the field mounting point.

4.Wiring.(Connect supply wires to luminaire wire leads per the wiring diagram using

methods that comply with all applicable codes.)

M 10 Bolt

S

S=93 ～ 221mm

U -tape frame

Three-core cable
Outer diameter≥12.5