**MODELS:**

CLF4-80QPXYYZZ,CLF4-100QPXYYZZ,CLF4-100QPHXYYZZ,CLF4-150QPXYYZZ,CLF4-150QPHXYYZZ,

CLF4-230QPXYYZZ,CLF4-230QPHXYYZZ,CLF4-300QPXYYZZ,CLF4-300QPHXYYZZ,CLF4-400QPXYYZZ,

CLF4-400QPHXYYZZ.

Model number parameter list:

Item	Model	Input Voltage	Watt	Input Current	Maximum Weight
1	**CLF4-80QPXYYZZ**	**100-277V AC**	**80W**	**1.2A**	**3.27Kg**
2	**CLF4-100QPXYYZ**	**100-277V AC**	**100W**	**1.2A**	**3.27Kg**
3	**CLF4-100QPHXYYZZ**	**277-480V AC**	**100W**	**0.5A**	**3.53Kg**
4	**CLF4-150QPXYYZ**	**100-277V AC**	**150W**	**1.8A**	**3.45Kg**
5	**CLF4-150QPHXYYZZ**	**277-480V AC**	**150W**	**0.8A**	**3.77Kg**
6	**CLF4-230QPXYYZZ**	**100-277V AC**	**230W**	**2.7A**	**4.08Kg**
7	**CLF4-230QPHXYYZZ**	**277-480V AC**	**230W**	**1.8A**	**4.28Kg**
8	**CLF4-300QPXYYZZ**	**100-277V AC**	**300W**	**4A**	**5.52Kg**
9	**CLF4-300QPHXYYZZ**	**277-480V AC**	**300W**	**1.5A**	**6.04Kg**
10	**CLF4-400QPXYYZZ**	**100-277V AC**	**400W**	**4.8A**	**6.98 Kg**
11	**CLF4-400QPHXYYZZ**	**277-480V AC**	**400W**	**1.95A**	**7.9 Kg**

1. **Introduction**

   ■ This LED Flood light uses the latest in solid state lighting technology for long life, low maintenance, and high efficiency.

   ■ The same as traditional HID lighting.80~400W there are five different mounting options, suitable for various occasion.

Commercial LED
info@comm-led.com
www.comm-led.com
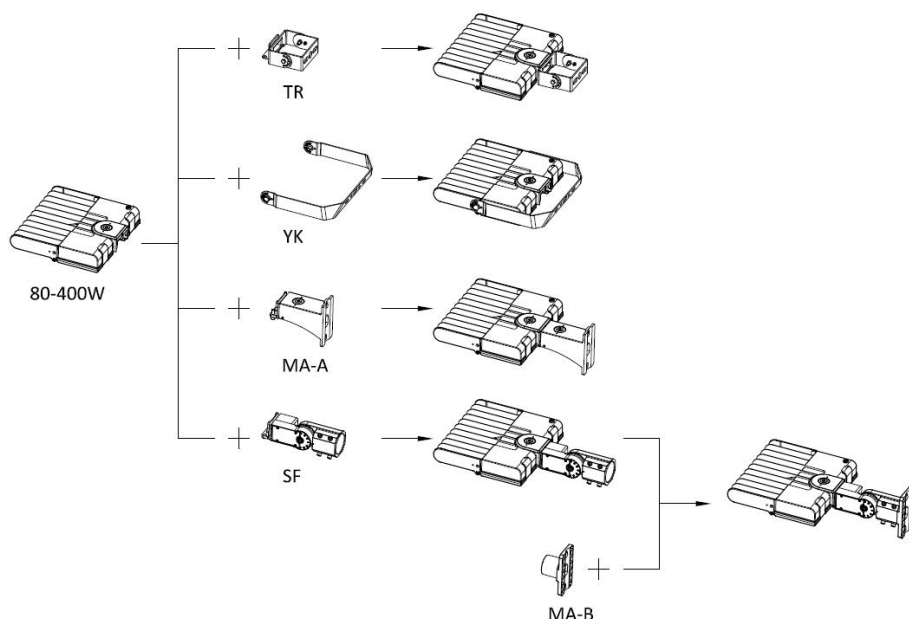
■ Use100-277V&277-480V, 50/60Hz AC supply.

■ Suitable for using in the following locations:

- Ambient Temp: -40~+40°C

- Wet Locations

Note: Save these instructions for future reference.

2. **Installation**

> **Warning:**
> To avoid the risk of fire, explosion, or electric shock, this product should be installed, inspected, and maintained by a qualified electrician only, in accordance with all applicable electrical codes.
> All the products can not be installed on woods.

> **Warning:**
> To avoid electric shock:
> •Make sure electrical power is OFF before and during installation and maintenance.
> •Luminaire must be connected to a wiring system with an equipment-grounding conductor.
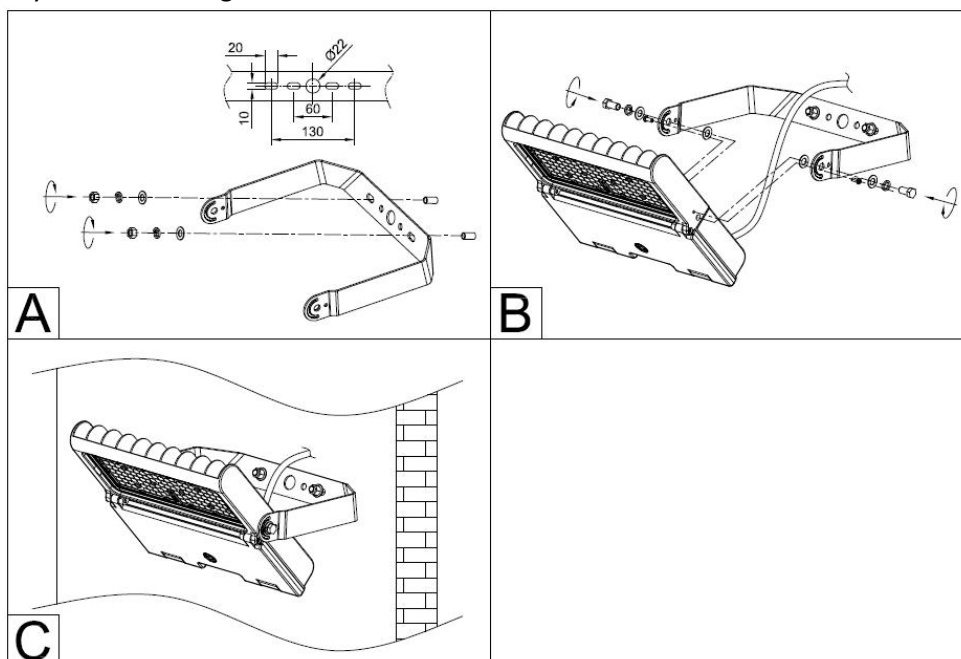
> **Warning:**
> To avoid explosion:
> •Make sure the supply voltage is the same as the rated luminaire voltage.
> •Do not install where the marked operating temperatures exceed the ignition temperature of the hazardous atmosphere.
> •Do not operate in ambient temperatures above those indicated on the luminaire nameplate.
> •Keep lens tightly closed when in operation.

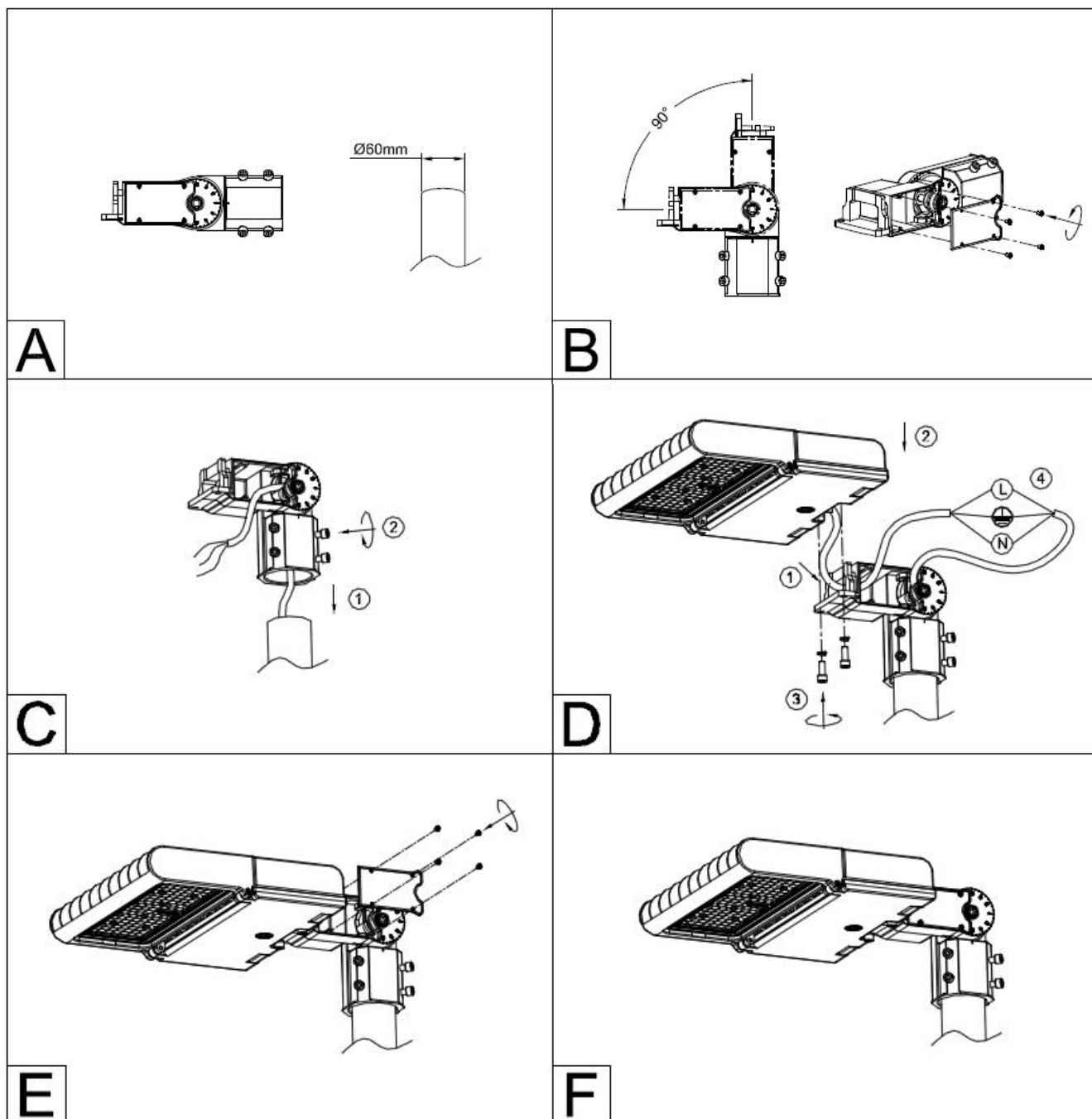For supply connections use wire rated for at least 90°C

Installation Steps:

Refer to the following diagram when you install the fixture. Five installation methods, directly fix to the mounting surface or fix to a post with a knuckle.
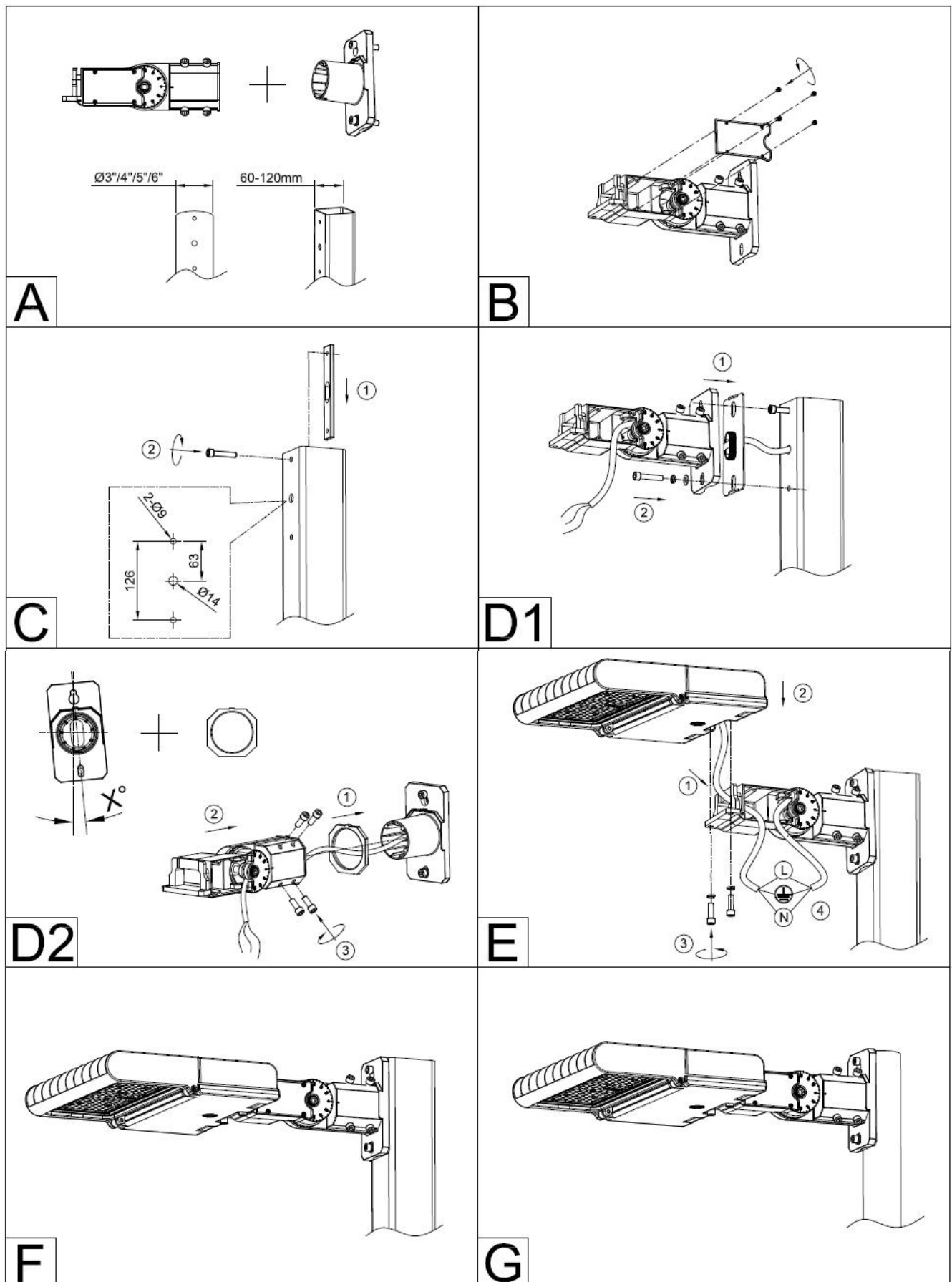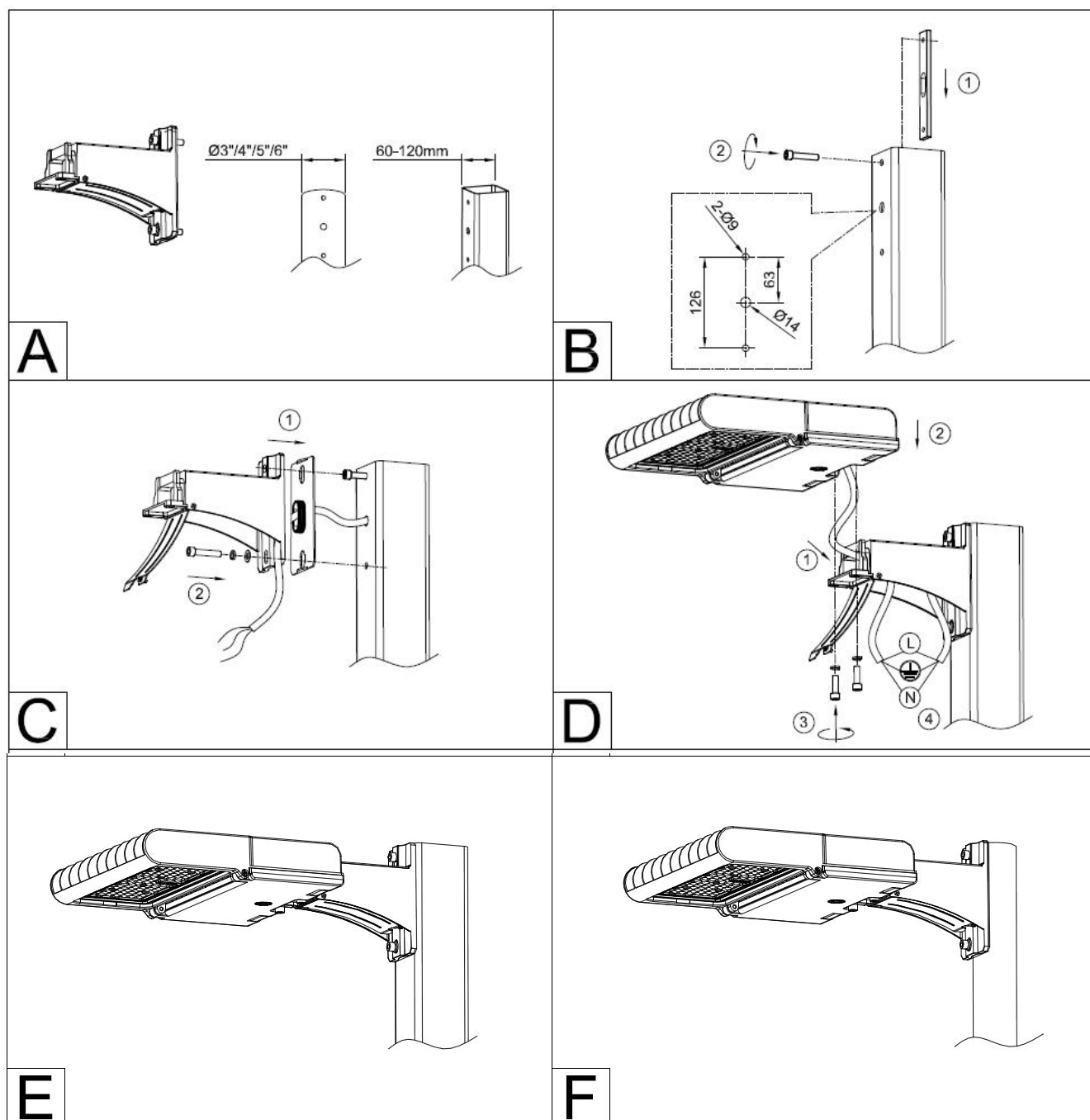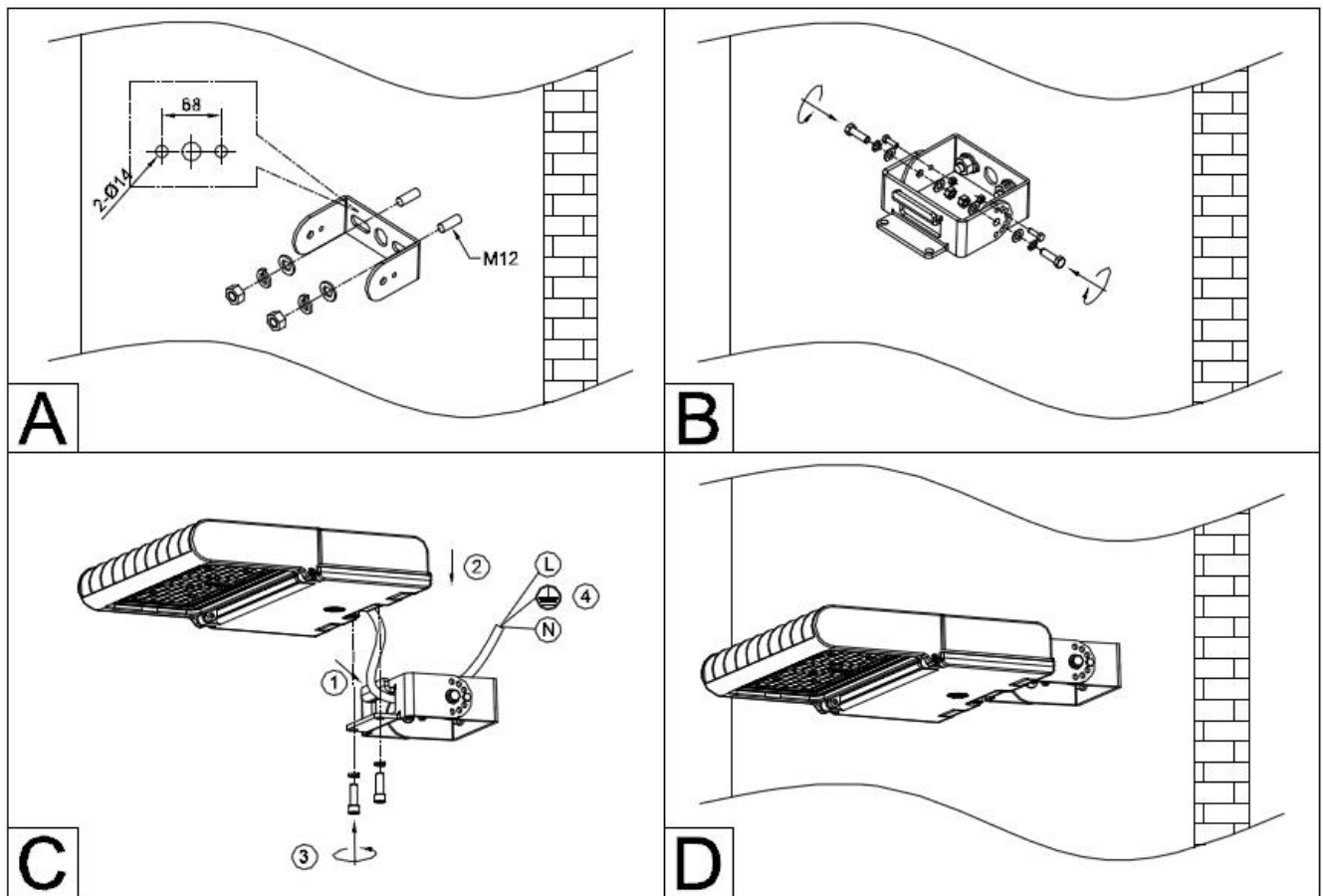
1.Directly fix to mounting surface

Commercial LED
info@comm-led.com
www.comm-led.com

3. (1)Mounting with a Slip fitter:

A

Ø60mm

B

90°

C

D

L N 4

E

F

Commercial LED
info@comm-led.com
www.comm-led.com

(2)Mounting with Slip fitter and Wall-mounted adapter:

Ø3"/4"/5"/6"   60-120mm

A

B

①
②
2-Ø9
126
63
Ø14

C

①
②

D1

X°
①
②
③

D2

②
①
L
N
④
③

E

F

G

3. Mounting with Arm.

A — Ø3"/4"/5"/6" 60–120mm

B — 2-Ø9 126 63 Ø14

C

D — L N

E

F

Commercial LED
info@comm-led.com
www.comm-led.com

4. Wall mounted installation.

The mounting method of the straight arm is added to a wall mounted fixing plate, and the fixing plate is mounted on the wall, and the fixing plate is fixed by a nut.

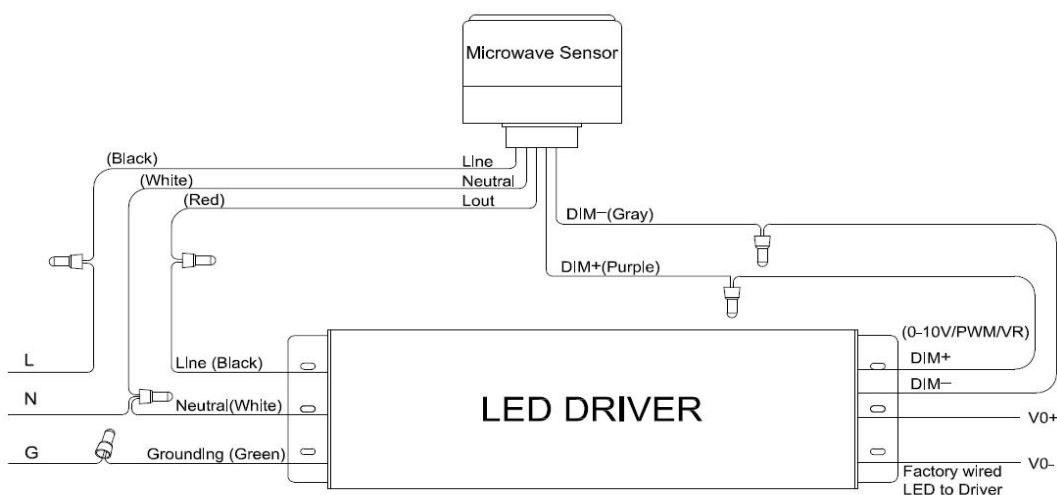**Pole installation wiring:**
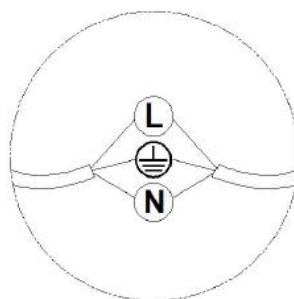
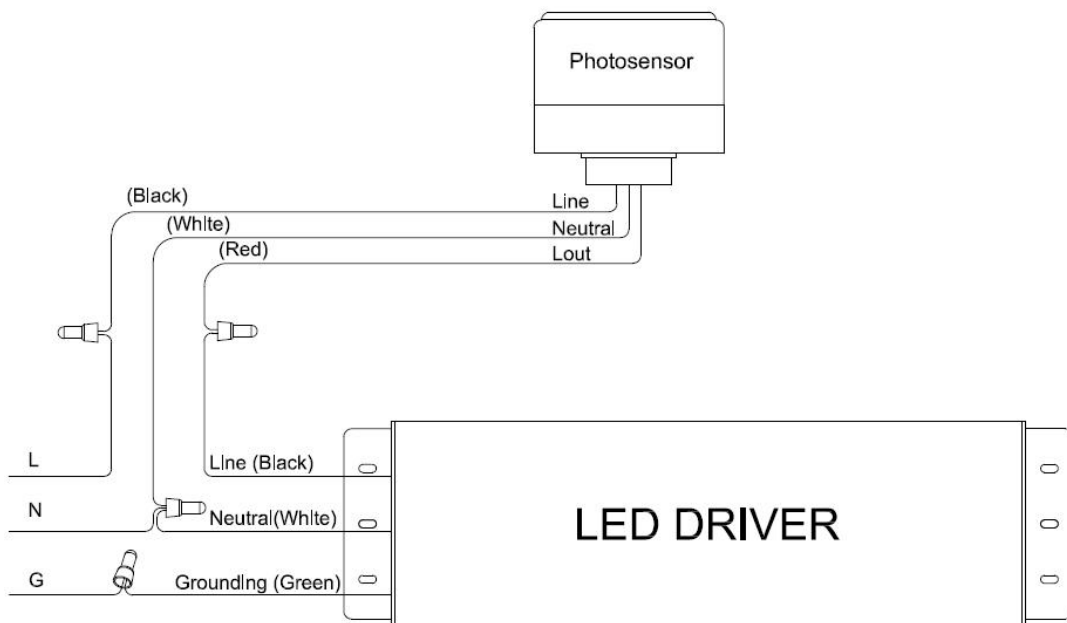

Wiring enlarged illustration

Connect the lamp pole internal cable with the luminaire cable. The neutral line is connected to the neutral line. The ground line is grounded, and the live line is connected to the fire line.
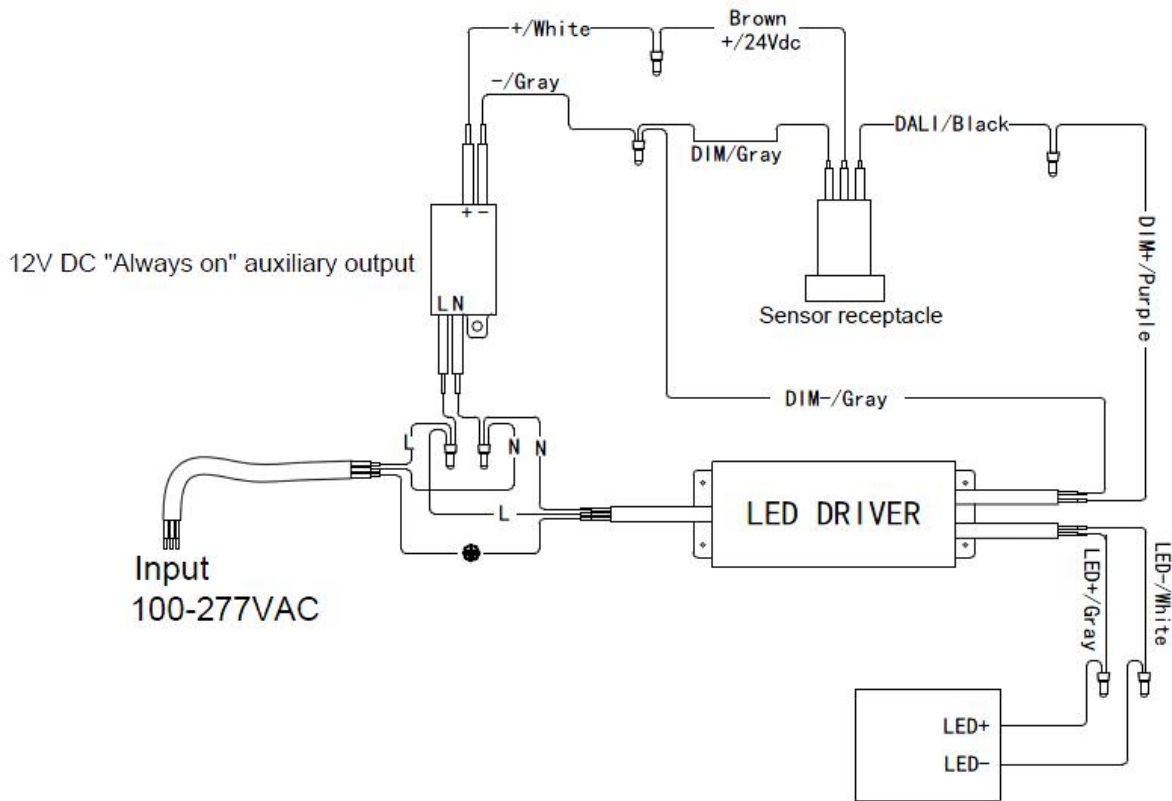
Commercial LED
info@comm-led.com
www.comm-led.com

Without sensor or photocell

With sensor

With photocell

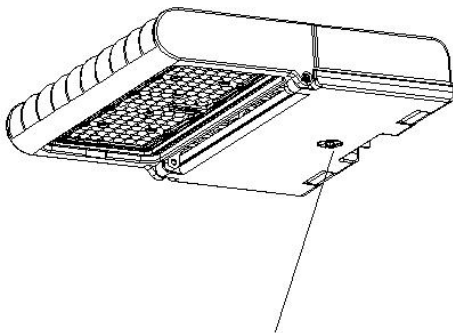Commercial LED
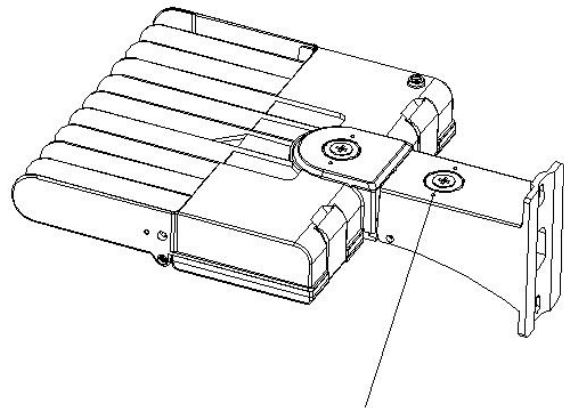info@comm-led.com
www.comm-led.com

Wiring diagram for plug-in sensor

Positions for Sensor and Photocell installed:

Reserved 1/2"-14T thread hole for sensor　　　　**Reserved the hole for Photocell**

After installation, please

➢ Check whether the lighting fixture is firmly fixed.
➢ Check whether wires are connected correctly.
➢ *At last, turn on the power, and check if the lighting fixture works well. If not, please turn off the power and contact with local dealer.*

Commercial LED
info@comm-led.com
www.comm-led.com