INSTALLATION INSTRUCTION MANUAL

LED Area Light/Flood Light, 100–277&277–480VAC

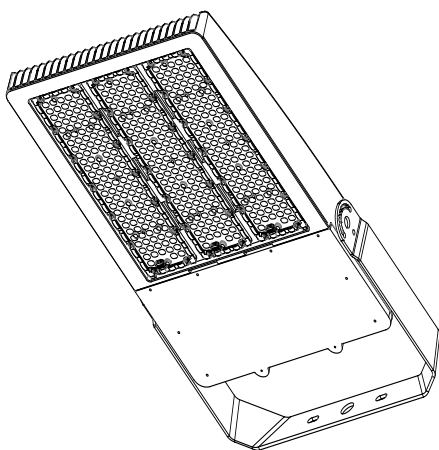Rev B   JAN   2019

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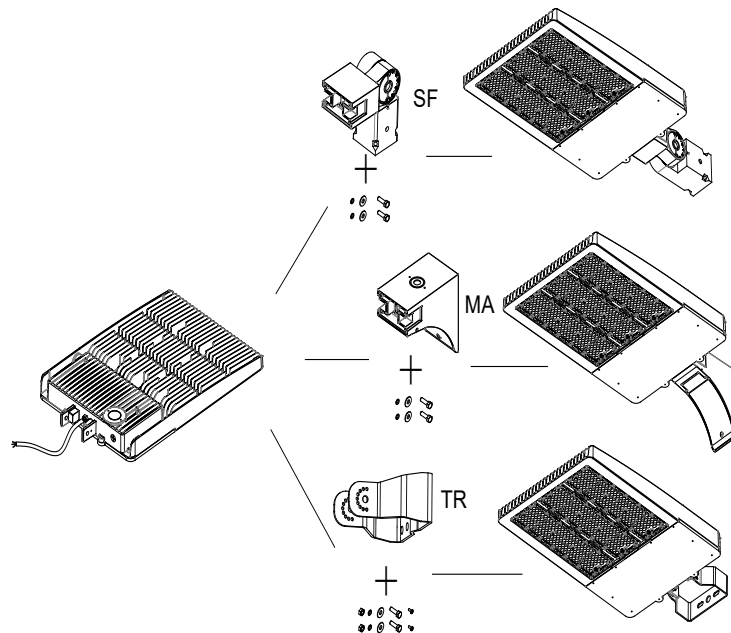smart solar lighting

Model:

STL-FLK100PXYYZZ; STL-FLK100PHXYYZZ; STL-FLK150PXYYZZ; STL-FLK150PHXYYZZ; STL-FLK200PXYYZZ; STL-FLK230PXYYZZ; STL-FLK230PHXYYZZ; STL-FLK300PXYYZZ; STL-FLK300PHXYYZZ; STL-FLK400PXYYZZ; STL-FLK400PHXYYZZ

Model number parameter list:

Item	Model	Input Voltage	Power Factor	Watt	Input Current	Weight
A	STL-FLK100PXYYZZ	100–277VAC		100W	1.5A	13 LBS
B	STL-FLK100PHXYYZZ	277–480VAC		100W	0.55A	13 LBS
C	STL-FLK150PXYYZZ	100–277VAC		150W	1.8A	13.9 LBS
D	STL-FLK150PHXYYZZ	277–480VAC		150W	0.88A	13.9 LBS
E	STL-FLK200PXYYZZ	100–277VAC	>0.9	200W	2.5A	13.9 LBS
D	STL-FLK230PXYYZZ	100–277VAC		230W	2.5A	22.3 LBS
F	STL-FLK230PHXYYZZ	277–480VAC		230W	1.4A	22.3 LBS
G	STL-FLK300PXYYZZ	100–277VAC		300W	3.5A	22.3 LBS
H	STL-FLK300PHXYYZZ	277–480VAC		300W	1.8A	22.3 LBS
G	STL-FLK400PXYYZZ	100–277VAC		400W	5.0A	28 LBS
I	STL-FLK400PHXYYZZ	277–480VAC		400W	2.8A	28 LBS

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1. Instruction

■ This LED Area Light/Flood Light uses the latest in solid state lighting technology for long,

life, low maintenance, and high efficiency.

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■ The same as traditional HID lighting. There are two installation methods, suitable for various

    occasion.

■ An internal power-factor-corrected switch-mode supply allows it to be used from

    any nominal 100-277V&277-480V, 50~60Hz AC supply without any variation in light output.

■ Suitable for use in the following locations:

    • Ambient Temp: -40~+40°C

    • Wet Locations

    Note: Save these instructions for future reference.

2. Installation

> **Warning:**
> To avoid the rish 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.

> **Warning:**
> To avoid electric shock:
> - Be certain electrical power is OFF before and during installation and maintanence.
> - 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 no 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.
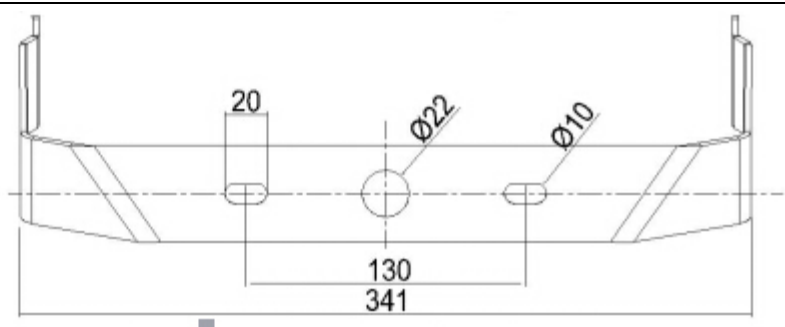> - Keep lens tightly closed when in operation.

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

Installation Steps:

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

1.Directly fix to mounting surface

STL-FLK100PXYYZZ/STL-FLK100PHXYYZZ
STL-FLK150PXYYZZ/STL-FLK150PHXYYZZ
STL-FLK200PXYYZZ
STL-FLK2300PXYYZZ/STL-FLK230PHXYYZZ
STL-FLK300PXYYZZ/STL-FLK300PHXYYZZ
STL-FLK400PXYYZZ/STL-FLK400PHXYYZZ

20 Ø22 Ø10
130
341

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L(Black)
N(White)
G(Green)

1. Use expansion bolts to secure the fixrure on mounting surface.

2. Keep enough length wires to ensure adjusting angle unhindered.

Connect wires into wiring terminal; white wire to "Neutral" terminal, black wire to "Live" terminal, green wire to "Ground" terminal; and fix them by screws.
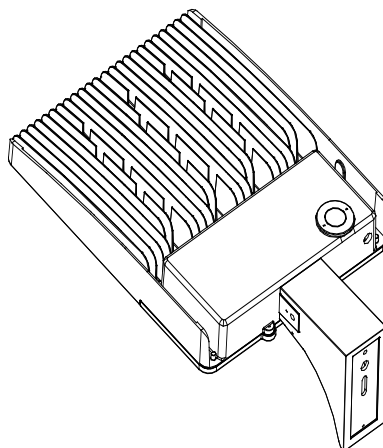
2. Mounting with a Slipfitter for Models:

STL-FLK100PXYYZZ; STL-FLK100PHXYYZZ; STL-FLK150PXYYZZ; STL-FLK150PHXYYZZ; STL-FLK200PXYYZZ; STL-FLK230PXYYZZ; STL-FLK230PHXYYZZ; STL-FLK300PXYYZZ; STL-FLK300PHXYYZZ; STL-FLK400PXYYZZ; STL-FLK400PHXYYZZ

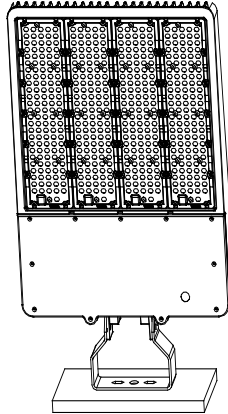| Step 1	Step 2
Adjust the fixture orientation by turning the bolt. In the above photo for the rocker installation hole, for the sensor installation hole in the bottom	Please use a post of diameter 2.36" for mounting, and tighten with screws. You can open the side cover from the side connection

3. Mounting with Arm for Models:

STL-FLK100PXYYZZ; STL-FLK100PHXYYZZ; STL-FLK150PXYYZZ; STL-FLK150PHXYYZZ; STL-FLK200PXYYZZ; STL-FLK230PXYYZZ; STL-FLK230PHXYYZZ; STL-FLK300PXYYZZ; STL-FLK300PHXYYZZ; STL-FLK400PXYYZZ; STL-FLK400PHXYYZZ

Directly with the screw on the lamp post. In the above straight arm has a reserved light installation hole, for the sensor installation hole in the bottom. You can open the side cover from the side connection

4. Wall Mounted Installation:

STL-FLK100PXYYZZ; STL-FLK100PHXYYZZ; STL-FLK150PXYYZZ; STL-FLK150PHXYYZZ; STL-FLK200PXYYZZ; STL-FLK230PXYYZZ; STL-FLK230PHXYYZZ; STL-FLK300PXYYZZ; STL-FLK300PHXYYZZ; STL-FLK400PXYYZZ; STL-FLK400PHXYYZZ

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.

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.*