



3FL Watt&CCT Tunable FLOOD LIGHT



Date: _____ Location: _____

Product: _____ Project: _____

Quantity: _____ Catalog# _____

FEATURES

- Tunable power, selectable color, on/off photocell.
- Knuckle mounts, yoke mounts available. easy install
- 100/130/150w comes Interchangeable Optical Lenses, work at both wide-area and focused applications.
- Superior thermal management ensures stable performance and extended LED lifespan.
- DLC UL LISTED, 5 Years Warranty

SUITABLE APPLICATIONS

- Warehouses
- Factories
- Parking Lots
- Shopping Malls
- Supermarkets
- Logistic Centers



CONSTRUCTION:

This advanced flood light features wattage & CCT and lens tunability to deliver precise performance across diverse environments, combining a heavy-duty, long-lasting housing with superior thermal management for exceptional reliability, while its interchangeable optics and versatile mounting options make it adaptable for sports fields, warehouses, building exteriors, and general outdoor lighting applications, providing a single, solid, high-performance solution that reduces SKUs and meets a wide range of professional lighting needs.

ELECTRICAL:

120-277V input, operating temperature: -40° F-104° F

INSTALLATION & MOUNTING:

Knuckle mounts, yoke mounts optional for easy installation..

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

PERFORMANCE

Model NO	Power Switchable	Beam angle	Handle Type	Voltage/Current Input		Light Efficiency	Kelvin Options
				120V	277V		
TS-FL0903-35W-80*110-H-TCP(PTC)	15W/25W/35W	110°	Knuckle	0.1/0.2A/0.3A	0.06A/0.09A/0.1A	125LM/W	3000K/4000K/5000K
TS-FL0908-80W-80*110-H-TCP(PTC)	40W/60W/80W	110°	Knuckle	0.3A/0.5A/0.6A	0.1A/0.2A/0.3A	125LM/W	3000K/4000K/5000K
TS-FL1115-150W-90-H-TCP(PTC)	100W/130W/150W	60°/75°/90°	Yoke	0.8A/1.0A/1.2A	0.3A/0.4A/0.5A	125LM/W	3000K/4000K/5000K

3FL Watt&CCT Tunable FLOOD LIGHT



OPTIONAL ACCESSORIES

Open hole for Power Switchable



100W 130W 150W 3000K 4000K 5000K



Power

CCT

The lamps have the function of adjusting power and color temperature

PRODUCT ORDERING GUIDE

TS-FL0903-35W-80*110-H-TCP(PTC)

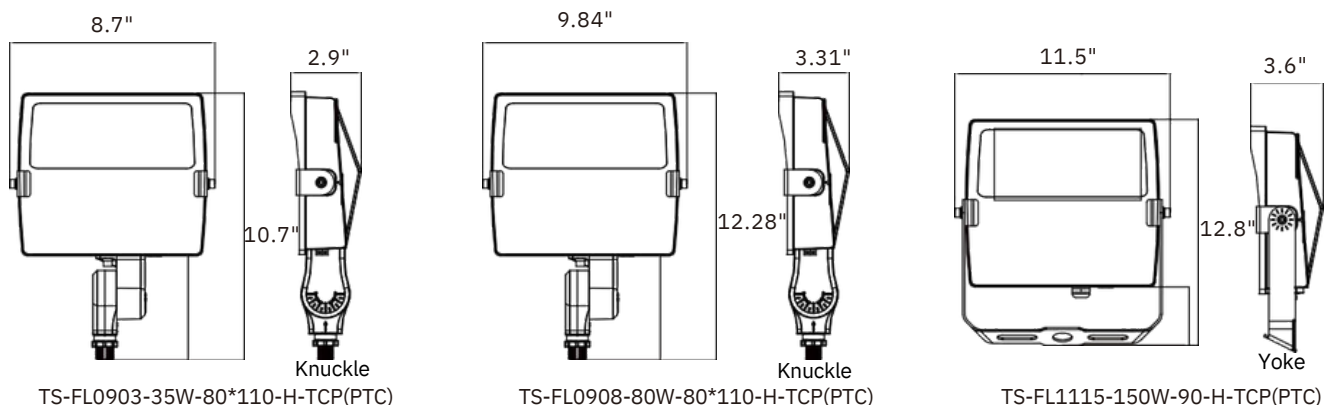
1 2 3 4 5
TS-FL0903-35W-80*110-H-TCP(PTC)

- ☒ TS Factory Code
- ☒ FL0903 Stands For The 0903 Series Floodlights.
- ☒ 35W 35W, Maximum Power 35W
- ☒ 80*110 Light distribution type
- ☒ H-TCP(PTC) Watt&CCT Tunable

Electric Characteristic

Specification/Model	TS-FL0903-35W-80*110-H-TCP(PTC)	TS-FL0908-80W-80*110-H-TCP(PTC)	TS-FL1115-150W-90-H-TCP(PTC)
LED Driver	UL-listed 0-10V Dimmable LED Driver		
Input power	15W/25W/35W	40W/60W/80W	100W/130W/150W
Lumens output	1875LM/3125LM/4375LM	5000LM/7500LM/10000LM	12500LM/16250LM/18750LM
Efficiency	125LM/W	125LM/W	125LM/W
CRI	>72	>72	>72
CCT Tunable	30K/40K/50K	30K/40K/50K	30K/40K/50K
Input Voltage	120-277VAC	120-277VAC	120-277V/120/247VAC
Light distribution type	110°	110°	60°/75°/90°
Working Temperature	-40°F-104°F	-40°F-104°F	-40°F-104°F
Junction Temperature	<75°C	<75°C	<75°C
Lamp Efficiency	≥90%	≥90%	≥90%
Certificate	UL C UL DLC	UL C UL DLC	ETL C ETL DLC
Equivalent	30-105W MH/HPS	80-300W MH/HPS	200-500W MH/HPS

DIMENSION

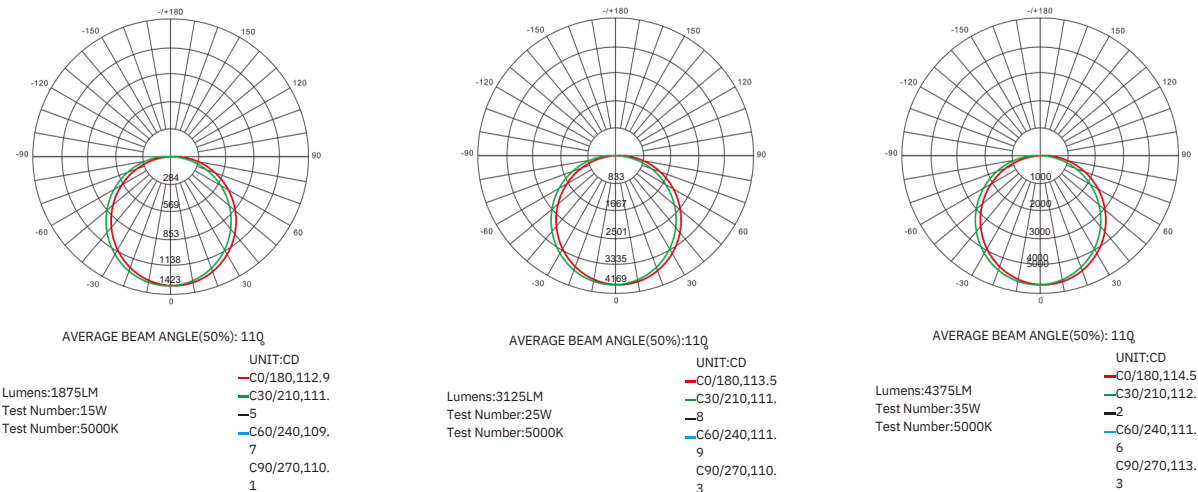


3FL Watt&CCT Tunable FLOOD LIGHT

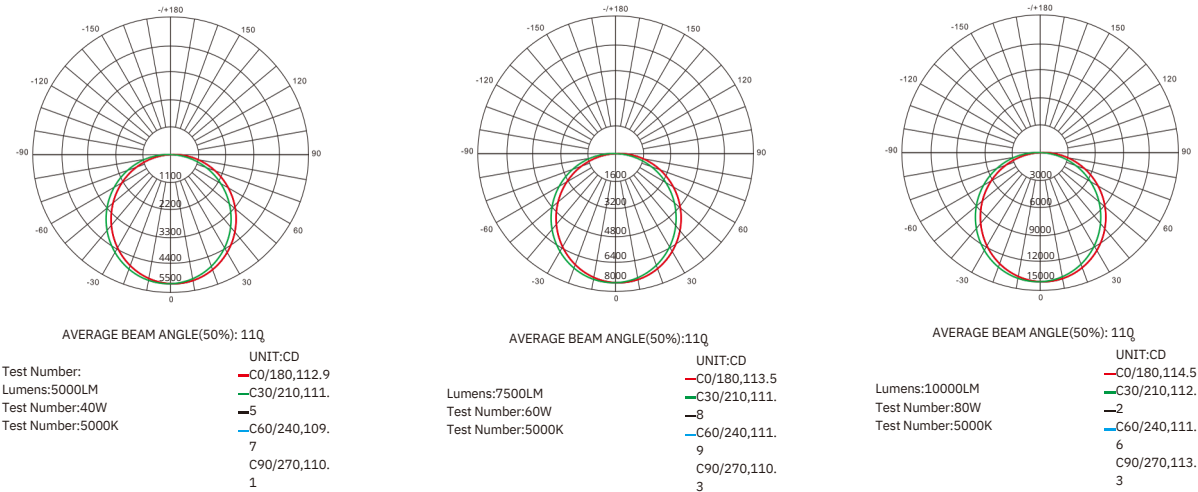


DISTRIBUTIONDIAGRAM

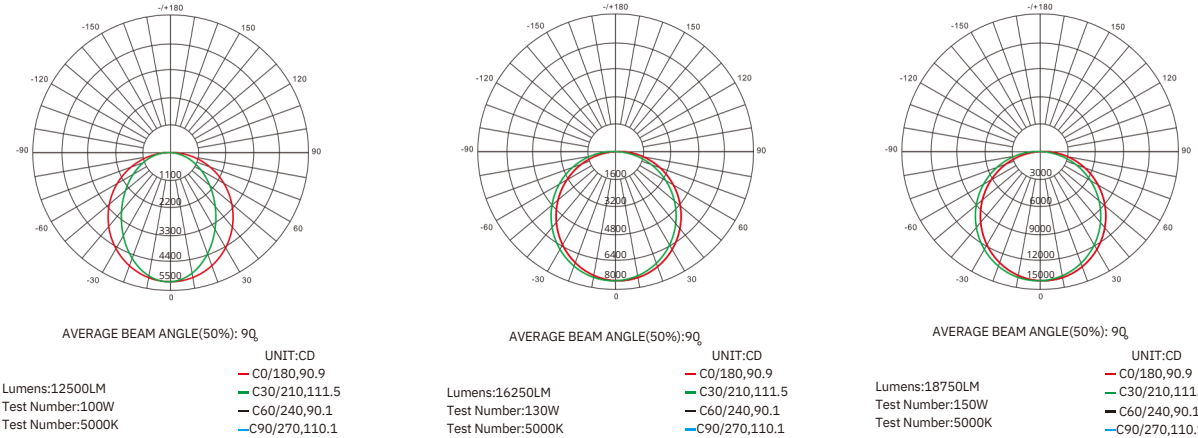
TS-FL0903-35W-80*110-H-TCP(PTC)



TS-FL0908-80W-80*110-H-TCP(PTC)



TS-FL1115-150W-90-H-TCP(PTC)

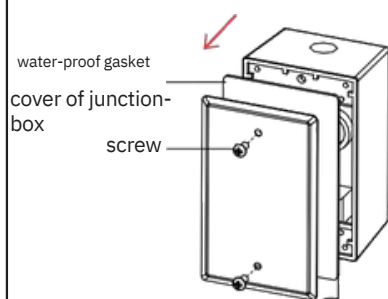


3FL Watt&CCT Tunable FLOOD LIGHT

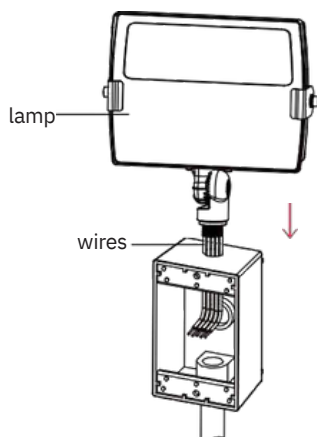
Installation instruction:

Installation instruction: (Kun ck le)

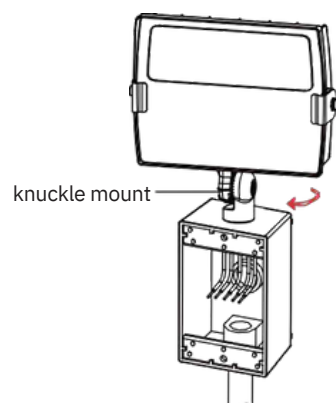
1. Use screw key to open the junction- box.



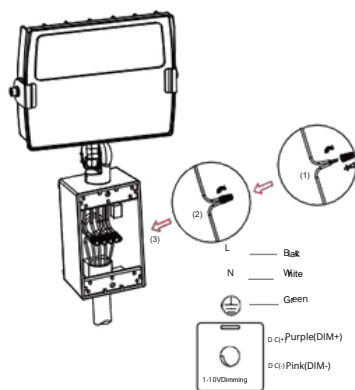
2. Put the wires of lamp into the junction-box.



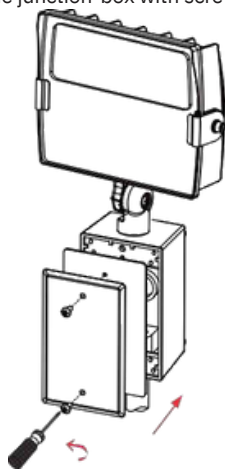
3. Tighten the knuckle mount into the junction box.



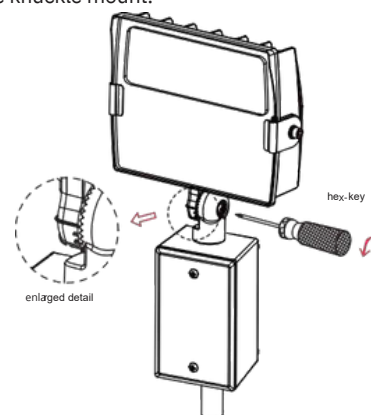
4. Use wire nuts to connect the lamp wires to the junction box.



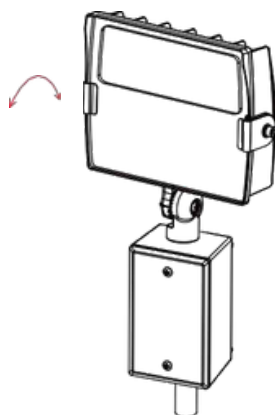
5. Lock the junction-box with screw key



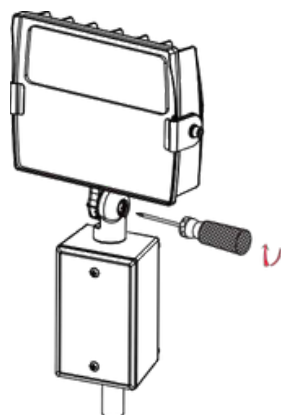
6. Use a hex key to unscrew the hex screw on the knuckle mount.



7. Adjust the lamp to a suitable angle.



8. Use hex-key to screw up the hex-crew
Installation completed.

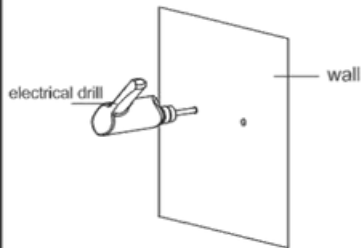


3FL Watt&CCT Tunable FLOOD LIGHT

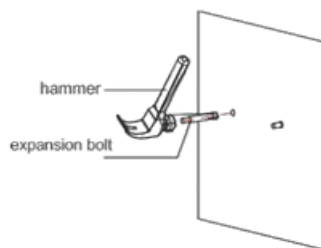


Installation Instruction (Yoke)

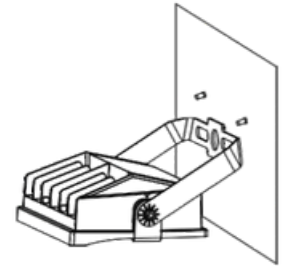
1. Mark the positions of the mounting holes using the light bracket, then drill the holes.



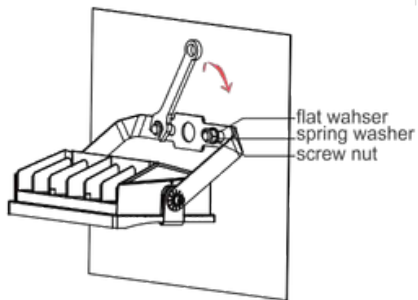
2. Insert the externally threaded bolts into the pre-drilled holes, as shown in the picture below.



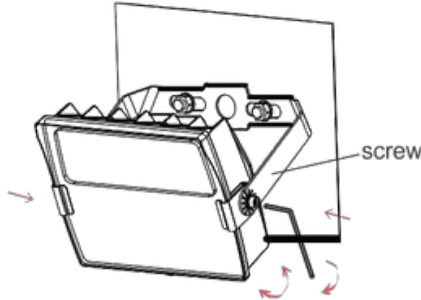
3. Fasten the bracket tightly against the wall using the threads.



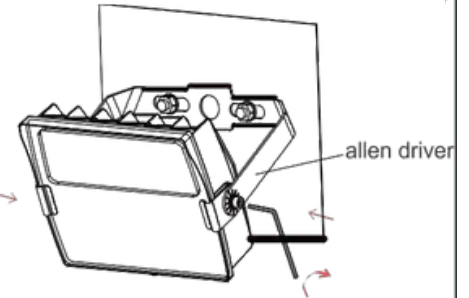
4. Fasten the screw nut clockwise with the supplied wrench and hardware.



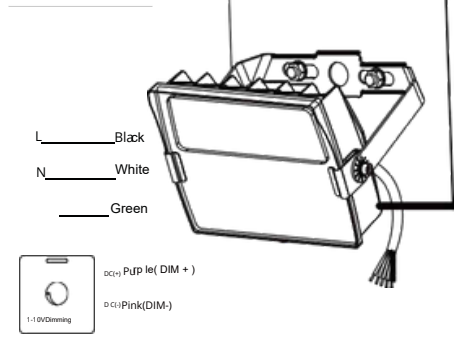
5. Rotate the light to the proper angle and tighten the screws.



6. Tighten both side screws with an Allen driver.

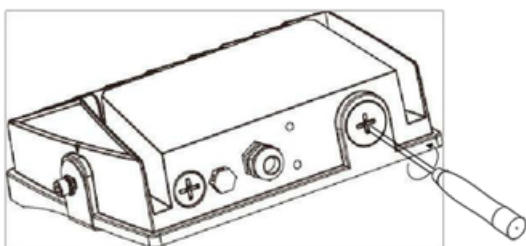


7. Connect the wires.

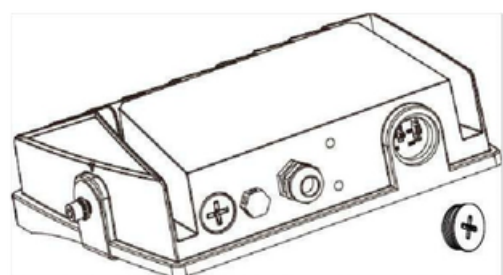


Step of adjusting Power

Step 1: Put the front of fixture downward, then twist out the cover with a cross screwdriver.



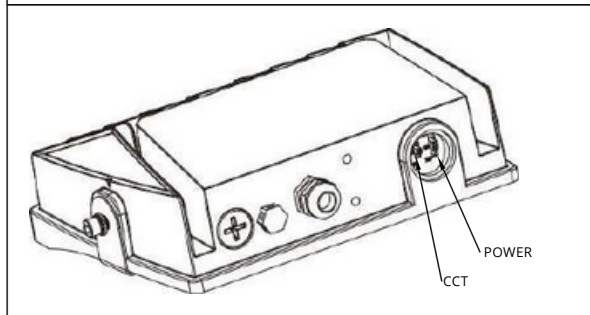
Step 2: Remove the cover and set it aside temporarily.



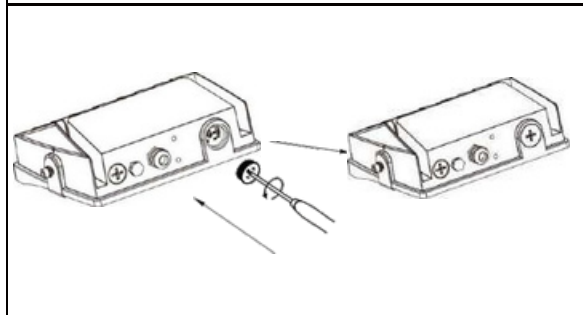
3FL Watt&CCT Tunable FLOOD LIGHT



Step 3: Select the desired color temperature and wattage.

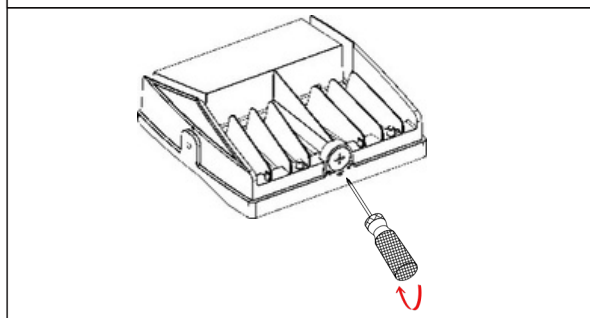


Step 4: Reattach the cover to the fixture.

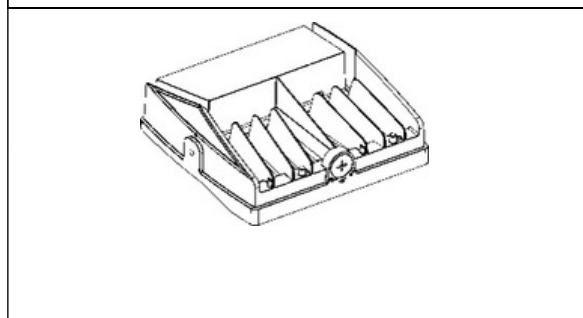


Procedure for adjusting the beam angle

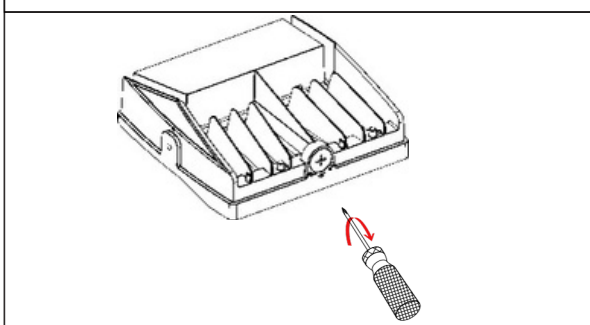
Step 1: Place the fixture face down, then remove the cover using a Phillips screwdriver.



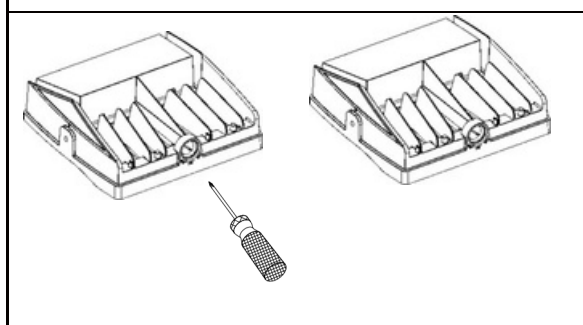
Step 2: Remove the cover and set it aside temporarily.



Step 3: Select the desired beam angle.



Step 4: Reattach the cover to the fixture.



NOTE

1. Only qualified electrician can carry out the electrical work;
2. Please turn off the power supply in any abnormal situation;
3. Please clean the flood light shell;
4. Please do not wipe with water or caustic solution;
5. Be sure to ground the fixture;
6. Be careful when using and storing;
7. Avoid high voltage working