

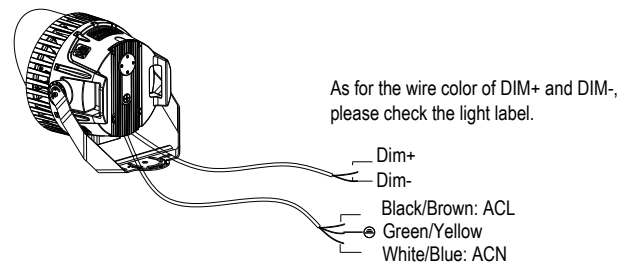
## IMPORTANT SAFEGUARDS

### Cautions:

- The product should be installed, inspected, and maintained by a qualified electrician in accordance with local and national electrical safety regulations.
- Turn off the power before checking or installing the light.
- Voltage AC 277-480V should be wired with a minimum of 18 AWG wire.
- Use wires that comply with UL or other local standards. Voltage AC 120-277V should be wired with a minimum of 16 AWG wire. Ensure the voltage used is within the product's specified range.
- Do not install in a hazardous environment. The ambient temperature must not exceed the product's rated operating temperature.
- Avoid installing the product in rainy conditions to prevent the danger of lightning strikes and accidents.
- Use a listed waterproof strain relief bushing when connecting the power supply cord to the outlet box.
- Do not use an electric generator to test the LED light.
- External 0-10V passive dimmers are supported only.

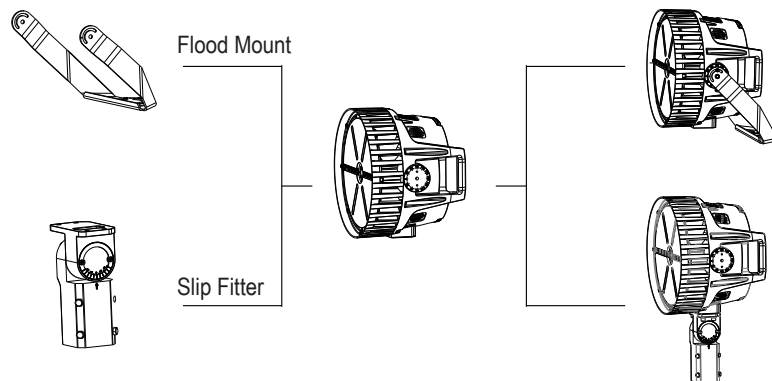
### Wiring Diagram:

**Note:** Please use the dimming+, dimming- (DC10V) marking leads to connect to outside dimmer. Class 1 wiring.  
Please ensure the cumulative leakage current on the control circuit is less than 3.5mA.  
The AUX control wire with shrinkable tubing should not be damaged (no connection).



### Optional Brackets and Installation Instructions:

There are two optional brackets for this fixture. Below are the sport light fixtures with different bracket options.



### Installation Instructions With Different Brackets:

#### 1. Flood Mounting Bracket:

- Secure the FM bracket to the heat sink using M10 screws (Figure 1).
- After adjusting to the required angle, fix it in place with M6 screws (Figure 2).

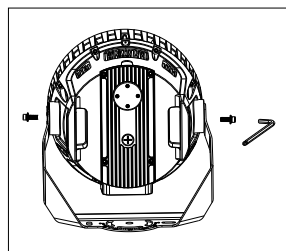


Figure 1

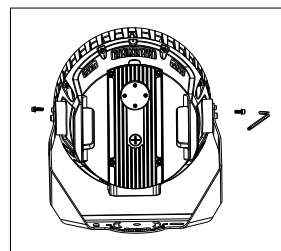


Figure 2

# RAYDENT GEN2 STADIUM FLOOD LIGHT

## 2. Flood Mounting Bracket Method I (Pole Mounting):

- Mark the hole distance S1 as shown in the product to be installed (Figure 3).
- Drill two holes spaced at distance S1 on the mounting bar (Figure 4).

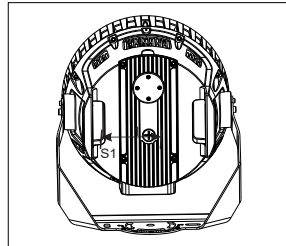


Figure 3

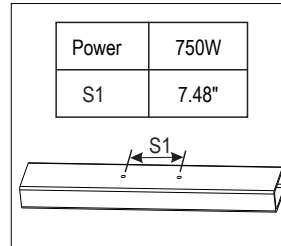


Figure 4

- Install the luminaire on the crossbar and secure it using nuts, spring washers, and flat washers (Figure 5).
- To adjust the angle, loosen the adjustment screw with an M6 hex wrench (Figure 6).

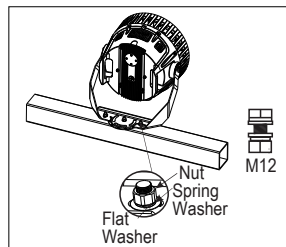


Figure 5

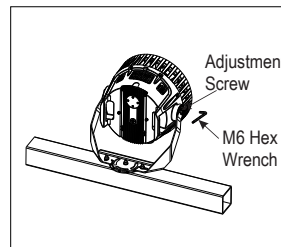


Figure 6

- Adjust the projection angle as needed; the adjustment range is shown in Figure 7.

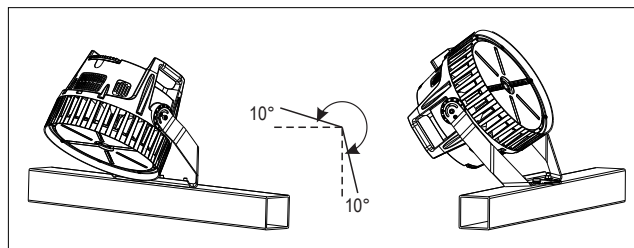


Figure 7

- Complete the projection angle adjustment and securely lock the adjustment screw.
- Refer to the previous wiring diagram and choose the desired wiring method.

**Note:** Please use a listed waterproof strain relief bushing when connecting the supply cord to the outlet box.

## 3. Flood Mounting Bracket Method II (Disc Holder Installation):

- Place the product on the disc holder and secure it with screws. Ensure the screws are not overly tightened (Figure 8).
- Adjust the lighting direction as needed, with a 360° rotation option available. Once the adjustment is complete, tighten the screws (Figure 9).

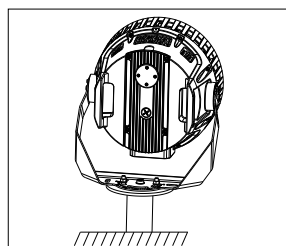


Figure 8

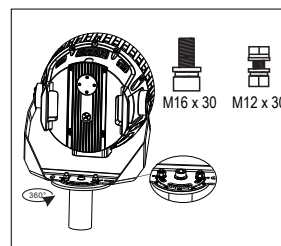


Figure 9

# RAYDENT GEN2 STADIUM FLOOD LIGHT

- Use an open-end wrench and a hex wrench to loosen the adjusting screw and adjust the angle (Figure 10).

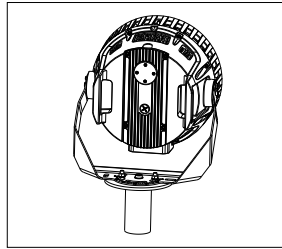


Figure 10

- Adjust the projection angle as needed. The range for angle adjustment is shown in Figure 11.

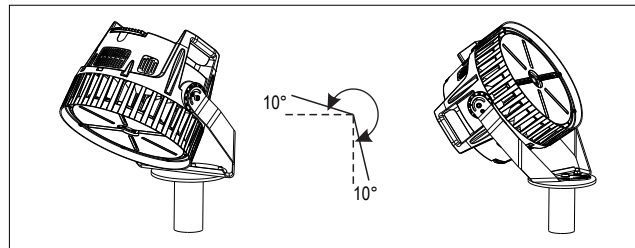


Figure 11

- Complete the projection angle adjustment and secure the adjustment screw.
- Following the wiring diagram, choose one method for wiring.

**Note:** When connecting the supply cord to the outlet box, please use a listed waterproof strain relief bushing.

## 4. Slip Fitter Mounting Bracket:

- Remove the mounting screws from the bracket on the fixture and thread the wires through the bracket (see Figure 12).
- Install the bracket onto the pole (see Figure 13).

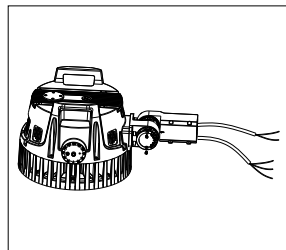


Figure 12

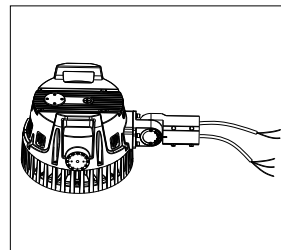


Figure 13

- Loosen the four locking bolts on the slip fitter, connect the wire correctly, and place the wire into the pole. Then, fasten the locking bolts between the slip fitter and the pole (Figure 14).
- Loosen the fixing and adjusting bolts, align the fixture to the required angle, and tighten the adjusting and fixing bolts once the angle is confirmed (Figure 15).

**Note:** The adjustable angle is 0-90° (Figure 14).

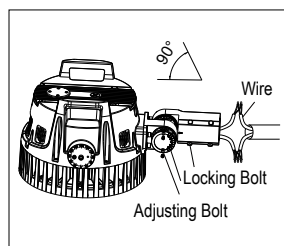


Figure 14

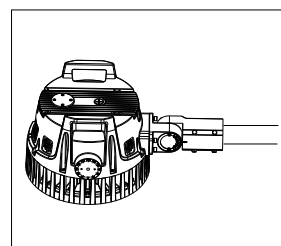


Figure 15

## Instructions for Light Shield:

When the light shield function is required, secure the light barrier to the luminaire with a screwdriver as shown in Figure 16.

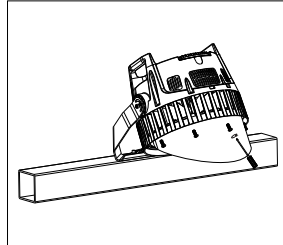


Figure 16

## Instructions for Photocell:

For the photocell function, install the photocell on the back of the lamp when needed. If the photocell function is not required, install a shorting cap on the back of the light, as shown in Figure 17.

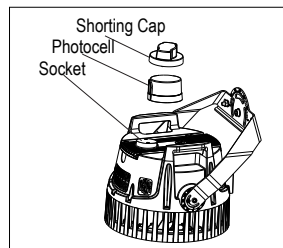


Figure 17

## Instructions For Power Selectable Feature:

The light fixture includes a power selection feature. To adjust the power setting, remove the plug and switch to the desired tap position (750W, 1000W, 1200W; Factory Setting: 1200W) as shown in Figure 18.

**Note:** To reset the light fixture to its standard status, set the tap position to 1200W.

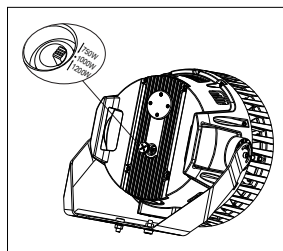


Figure 18