

# INSTRUCTIONS

## LF17™ FIELD-ADJUSTABLE FLOODLIGHT INSTALLATION



RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: [marketing@rablighting.com](mailto:marketing@rablighting.com)



### IMPORTANT

#### **READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

RAB fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

**WARNING:** Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

**CAUTION:** Risk of Fire. Min. 75°C supply conductors.

Use silicone sealant or Teflon® tape around the thread of the arm.

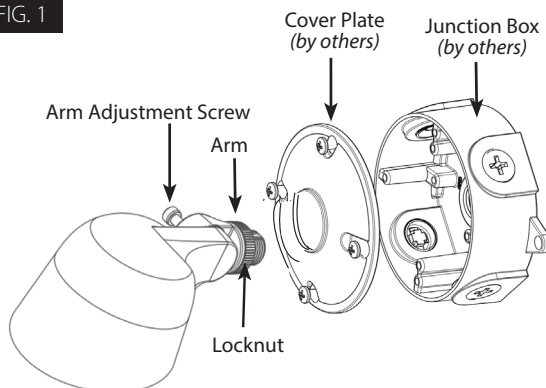
120V ONLY. Suitable for wet locations.

### WALL MOUNTING

Mount to a weatherproof **Junction Box** (*by others*) and **Cover Plate** (*by others*) as shown in Fig. 1. Apply weatherproof silicone sealant around the edge of the **Junction Box**. This is especially important with an uneven wall surface.

1. Thread fixture into **Cover Plate**. Use silicone sealant or Teflon® tape around the thread of the **Arm**.
2. Connect wires as shown in the wiring section (*Fig. 4*).
3. Attach **Cover Plate** to **Junction Box**.
4. Aim Fixture in the desired direction by loosening the **Arm Adjustment Screw** and/or **Locknut**, tighten to secure.

FIG. 1

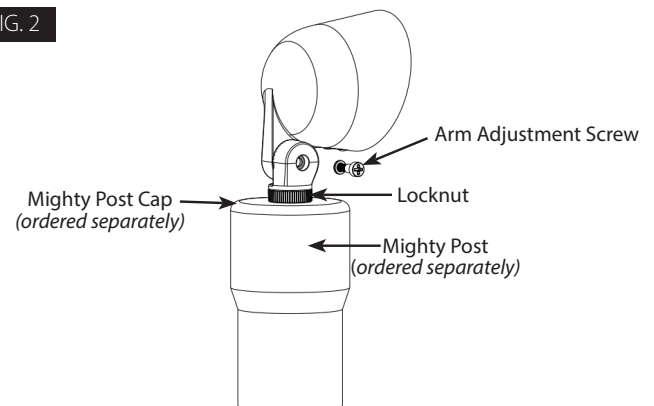


### GROUND MOUNTING

Mount to a **Mighty Post** or similar (*ordered separately*) as shown in Fig. 2.

1. Thread Fixture into **Mighty Post Cap** (*ordered separately*). Use silicone sealant or Teflon® tape around the thread of the **Arm** (*Fig. 1*).
2. Connect wires as shown in the wiring section (*Fig. 4*). Push all wires inside the **Mighty Post**.
3. Place **Mighty Post Cap** on the **Mighty Post**. Aim Fixture in the desired direction by loosening the **Arm Adjustment Screw** and/or **Locknut**, tighten to secure.

FIG. 2



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### FIELD ADJUSTMENT

Follow instructions below to change **Color Temperature (CCT)** and/or **Power (W)** from factory settings.

#### Color Temperature (CCT) Selection:

This product is equipped with 2700/3000/3500/4000/5000K CCT.

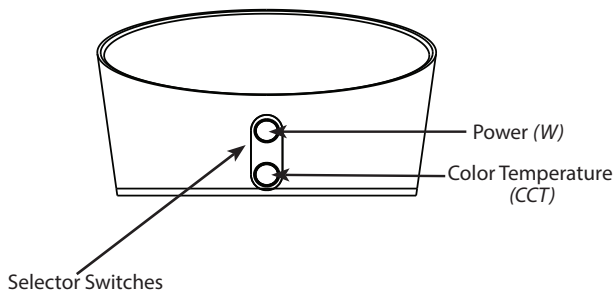
#### Power (W) Selection:

This product is equipped with 8/5/4/2/1W power output.

#### Factory Settings: 4000K / 8W

1. Locate the **Selector Switches** on lower side of fixture housing as shown in Fig. 3.
2. Select **Color Temperature (CCT)** and/or **Power (W)** function by pressing and releasing the respective switch to the desired setting.

FIG. 3



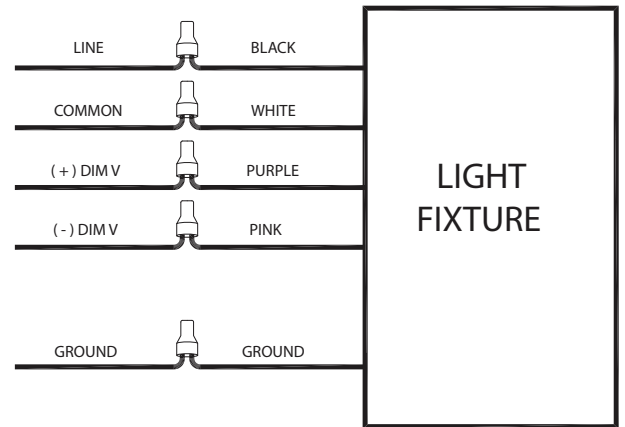
### 0-10V DIMMABLE WIRING

LF17 operates at 120V, 50 or 60Hz **only**.

Follow the wiring directions as shown in Fig. 4.

1. Connect the black fixture lead to the **LINE** supply lead.
2. Connect the white fixture lead to the **COMMON** supply lead.
3. Connect the **GROUND** wire from fixture to supply ground.
4. Connect the purple fixture lead to the (V+) DIM lead (*if used*).
5. Connect the pink fixture lead to the (V-) DIM lead (*if used*).

FIG. 4



### CLEANING & MAINTENANCE

**CAUTION:** Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Clean lens & fixture with non-abrasive cleaning solution.
2. Do not open fixture to clean the LED. Do not touch the LED.
3. Keep leaves and debris out of hood.

### TROUBLESHOOTING

1. Check that the line voltage at fixture is correct. Refer to wiring section.
2. Check the fixture is grounded properly.
3. If sensor is connected, check if it is working properly.

**Note:** These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.