

# INSTRUCTIONS

## PWLED™ FIELD-ADJUSTABLE INSTALLATION

**RAB**

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@rabilighting.com

\*\* DON'T TOSS IT—RECYCLE IT! MAKE THE SUSTAINABLE CHOICE BY RECYCLING THIS FIXTURE AT END OF LIFE WITH A LICENSED RECYCLING PROVIDER. \*\*



### 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.

To prevent wiring damage or abrasion, do not expose wiring to edges or sharp objects.

**CAUTION:** For proper weatherproof function all gaskets must be seated properly and all screws inserted and tightened firmly. Apply weatherproof silicone sealant around the edge of the wall mounting box and/or junction box. This is especially important with an uneven ceiling surface. Silicone all plugs and unused conduit entries.

Suitable for Wet locations. Suitable for mounting 1.2m (4ft) of the ground. Wall mount ONLY.

### MOUNTING FIXTURE TO THE WALL

Fixture should not be recessed. Mount fixture to wall with Lens facing down as shown in Fig. 1.

1. Locate bottom **Set Screw** on fixture as shown in Fig.1 and loosen. Slide **Front Fixture Assembly** upward to remove from fixture **Back Plate** as shown in Fig. 2.
2. Line up the **Back Plate** to desired location and mount securely to surface with suitable hardware (by others) as shown in Fig. 3. **Leveling bubble** is provided on **Back Plate**.
3. Complete the wiring to the supply wires and ground. Make electrical connections as shown in wiring diagram (Fig. 7). Use approved wiring connectors and wire to local NEC codes. Push all wires back into **Housing Back Plate**.
5. Slide **Fixture Front Assembly** onto the **Back Plate** as shown in Fig. 4, be careful not to pinch wires and tighten **Set Screw**.

FIG. 2

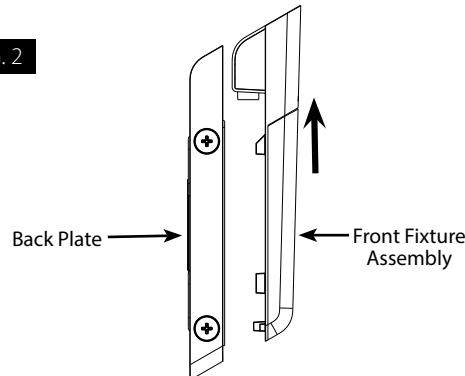


FIG. 3

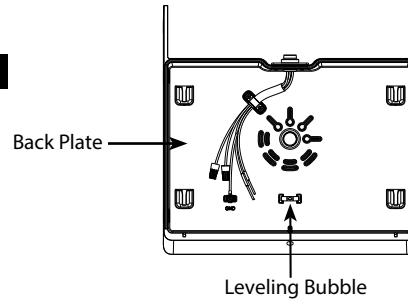


FIG. 4

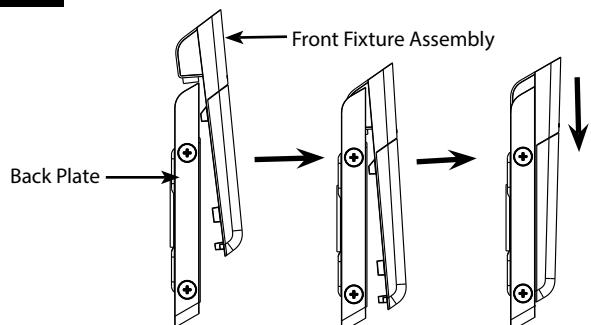
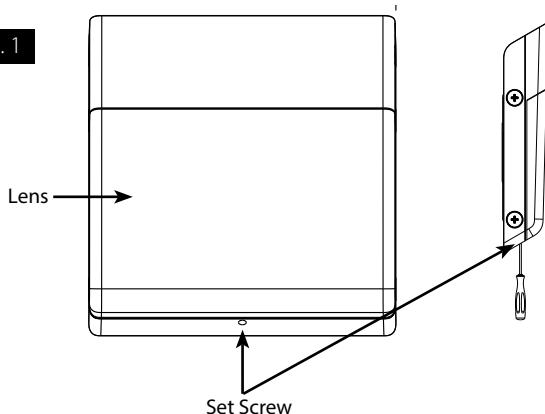


FIG. 1



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### FIELD ADJUSTMENT

#### Photocell Operation:

This product is equipped with a photocell. **Photocell factory setting is set to the "OFF" position.** Should you wish to enable the Photocell "ON" feature slide the center switch to the "ON" position (Fig 6). If the Photocell is set to the "ON" position and it is daylight it may take up to 60-seconds for the light to turn off.

#### Color Temperature (CCT) Selection:

This product is equipped with 5000K, 4000K or 3000K CCT Color Temperature selection. For maximum light output use the 4000K Color Temperature.

#### Power (W) Selection:

This product is equipped with 72/41/13W power output selection.

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

#### Factory Settings: 41W, 4000K, Photocell/Off

1. Locate the **Selector Switch Transparent Cover** on side of housing as shown in Fig. 5 and remove.
2. Select **Color Temperature (CCT)**, **Power (W)** and/or **Photocell** on/off function by sliding the respective switch to the desired setting (Fig. 6). Re-install cover.

FIG. 5

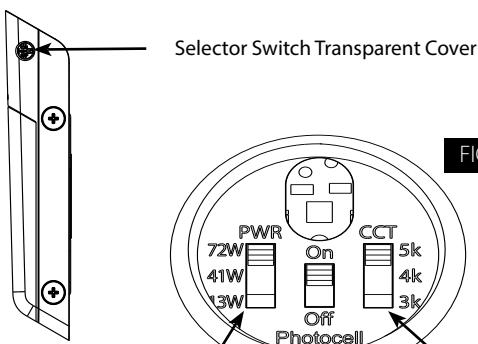
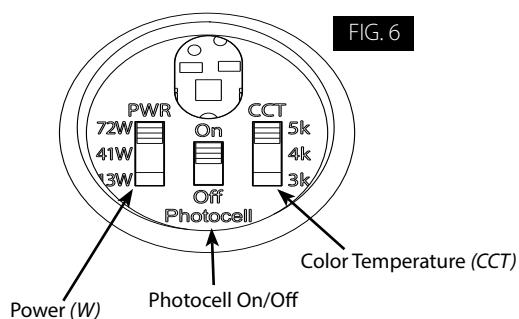


FIG. 6



**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.

### 0-10V DIMMABLE WIRING

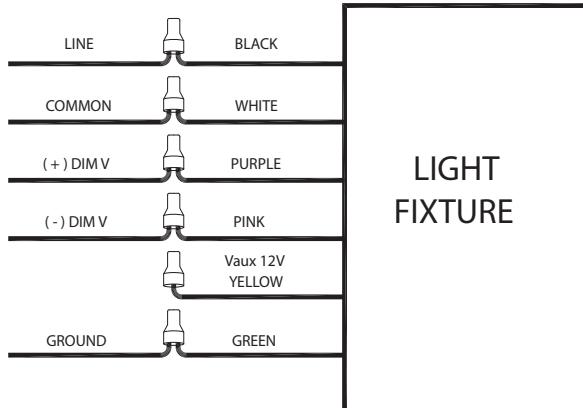
**Note:** For dimming with external control, set power switch to 100%.

Universal voltage driver permits operation at 120V through 277V, 50 or 60 Hz. For units ordered with /480 suffix are 480V, 60Hz only. For 0-10V dimming follow the wiring directions as shown in Fig. 7.

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.
5. Connect the pink fixture lead to the (V-) **DIM** lead.
6. Cap the yellow fixture lead if present. Do NOT connect.

**NOTE:** Do not connect **DIM V+** (purple)/ **DIM V-** (pink) to line voltage or supply ground.

FIG. 7



### CLEANING & MAINTENANCE

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

1. Clean lens with non-abrasive glass cleaning solution.
2. Do not open the fixture to clean the LED. Do not touch the LED.

### TROUBLESHOOTING

1. Check that the line voltage at the fixture is correct. Refer to wiring directions.
2. Is the fixture grounded properly?
3. Is the photocell, if used, functioning properly?

**RAB**

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#### Easy Answers

[rablighting.com](http://rablighting.com)  
Visit our website for product info

Tech Help Line  
Call our experts: 888 722-1000

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Answered promptly - [tech@rablighting.com](mailto:tech@rablighting.com)

Free Lighting Layouts  
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