

INSTRUCTIONS

WPT™ FIELD ADJUSTABLE WALL PACK 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



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: For proper weatherproofing function, all gaskets must be seated properly and all screws inserted and tightened. This is important with an uneven wall surface. Silicone all plugs and unused conduit entries.

For wet location compliance, fixture must be properly sealed. For moisture seal, apply silicone caulking between the mounting surface and back housing, as well as around the sides of the housing. This is important with uneven wall surface. Suitable for wet locations.

Suitable for mounting within 1.2m (4ft) of the ground.

WALL MOUNT

Suitable for outdoor applications.

1. Loosen (1) **Housing Lens Screw** at bottom of **Lens Assembly** as shown in Fig.1.
2. **Lens Assembly** will lower. **Lens Assembly** is attached with a retainer.
3. Feed supply wires through **Housing Back Plate** as shown in Fig. 2. Mount **Fixture Housing** to surface or junction box (*by others*) and secure with (2) **Screws** (*by others*).
4. Wire the **Housing** leads to supply wires using UL listed wire connectors according to NEC and local codes (*Fig. 5*). Push all wires into the housing.
5. For **Side Conduit** wiring, remove **Side Conduit Cap** using a screwdriver as shown in Fig. 2. Feed supply wires through conduit opening with a suitable connector. Wire the driver leads to the supply wires using UL listed wire connectors according to NEC and local codes (*Fig. 5*).
6. Make **Field-Adjustment** selections as shown in Fig. 3 and 4.
7. Raise **Lens Assembly** back into position and secure with **Housing Lens Screw**.

Fig: 1

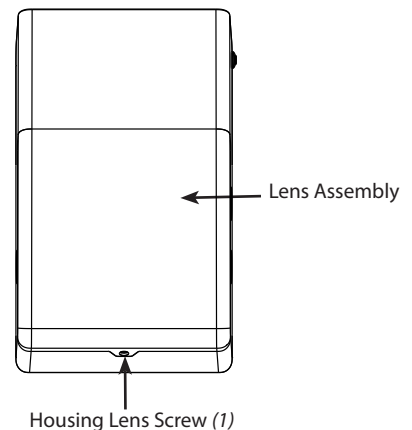
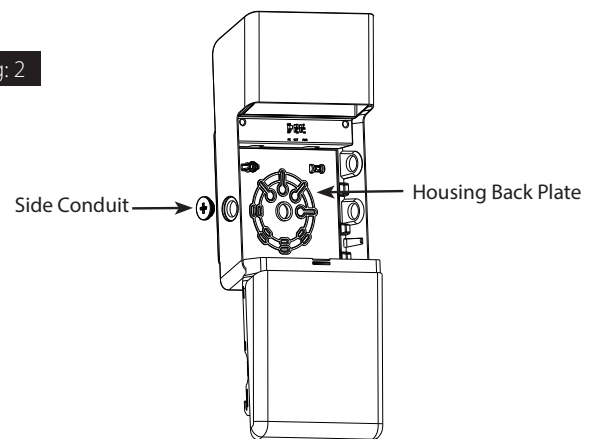


Fig: 2



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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 4). **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 3000K, 4000K or 5000K CCT **Color Temperature** selection. For maximum light output use the 4000K **Color Temperature**.

Power (Wattage) Selection:

This product is equipped with 40/25/15W power output selection.

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

Factory Settings: 40W, 4000K CCT, Photocell/OFF.

1. Locate the **Selector Switches** as shown in Fig. 3.
2. Select **Color Temperature (CCT)**, **Power (W)** and/or **Photocell** ON/OFF function by sliding the respective switch to the desired setting (Fig. 4).

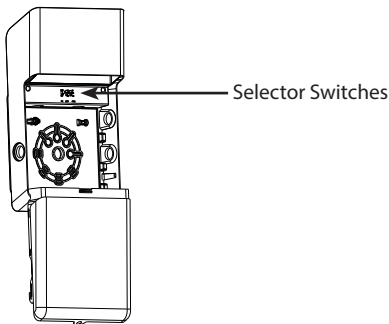


Fig: 3

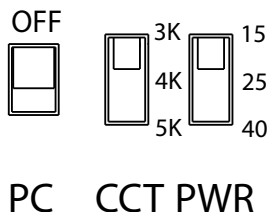


Fig: 4

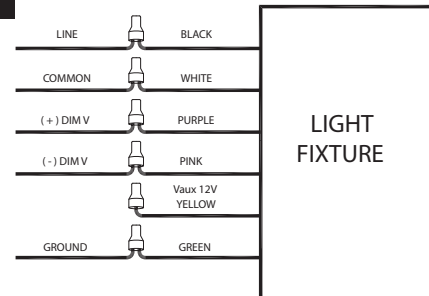
0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V through 277V 50 or 60 Hz. For 0-10V dimming follow the wiring directions as shown in Fig. 5.

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.

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

Fig: 5



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 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?

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.

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BATTERY BACKUP MODELS

WIRING

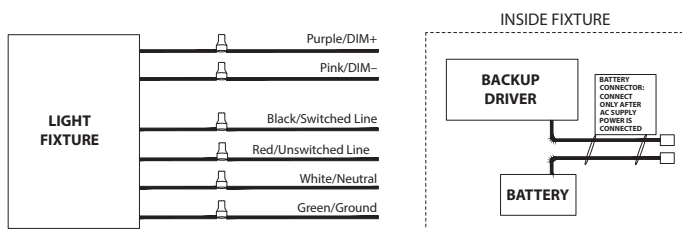
CAUTION: FOR BATTERY BACKUP FIXTURE. Voltage can be present in **BATTERY**. To prevent high voltage from being present on output leads, disconnect the Battery Backup. Do not join **BATTERY** connector until installation is complete and AC power is supplied to the emergency driver (Fig. 6).

NOTE: Make sure that the necessary branch circuit wiring is available. An **UNSWITCHED AC** source of power is required. The emergency driver must be fed from the same branch circuit as the LED driver.

CAUTION: Do not use any supply voltage other than 120-277V, 50/60 Hz.

1. Connect **UNSWITCHED HOT** fixture lead to **HOT AC** supply line.
2. If using an **UNSWITCHED** circuit, connect **UNSWITCHED** and **SWITCHED** lines together.
3. If using a **SWITCHED** circuit, connect **SWITCHED HOT** AC fixture lead to the external.
4. For 0-10V dimming, connect **DIM (+)** purple and **DIM (-)** pink leads to dimming connections.
5. All unused leads must be capped and insulated.
6. After installation is complete, supply AC power to the fixture and connect the **BATTERY**.
7. When power is on, the fixture should be on and the **CHARGING INDICATOR LIGHT** should illuminate to indicate the battery is charging.
8. Once the **BATTERY** has charged for at least one hour, a short duration test may be performed by pressing the **Test Button** as shown in Fig. 7. After the battery has charged for 24 hours, a long duration test can be performed by disconnecting power to the fixture.

FIG. 6



OPERATION

1. When AC power is applied the charging indicator light is illuminated indicating that the **BATTERY** is being charged.
2. When power fails the standby power automatically switches to emergency power (*internal battery*) operating at reduced illumination.
3. When AC power is restored the emergency driver automatically returns to charging mode.

MAINTENANCE

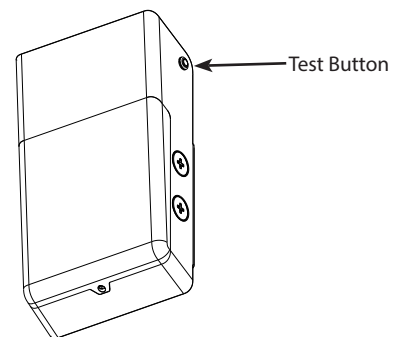
Although no routine maintenance is required to keep the emergency driver functional, it should be checked periodically to ensure that it is working. The following schedule is recommended:

1. Visually inspect the charging indicator light monthly. It should be illuminated.
2. Test the emergency operation of the fixture at 30-day intervals for a minimum of 30 seconds.
3. Conduct a 90-minute discharge test once a year. Fixture would operate at reduced illumination for a minimum of 90 minutes.

TROUBLESHOOTING

1. Be sure the fixture is grounded properly.
2. If the charging indicator light does not illuminate after pressing the **Test Button** (Fig. 7), check if battery is connected properly.

FIG. 7



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.



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Easy Answers

rablighting.com
Visit our website for product info

Tech Help Line
Call our experts: 888 722-1000

e-mail
Answered promptly - tech@rablighting.com

Free Lighting Layouts
Answered online or by request

RAB WARRANTY: RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.