

INSTRUCTIONS

B17™ 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@rablighting.com

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



Flat Top



Dome Top



Hat Top



Mushroom Top

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.

WARNING: Must be installed on a level surface, above grade.

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

Suitable for mounting 1.2m (4ft) of the ground, for Models when height of luminaire within 1.2m.

Suitable for operation in ambient not exceeding 55°C.

LOCATION

CAUTION: Before mounting, make sure to align **Bollard Base** in the orientation that will result in the desired **Bollard** fixture orientation. Suitable for wet locations.

1. The **Bollard** should be mounted to a firm level surface.
2. **Anchor Bolts** may be used in new concrete installations.
3. For all other applications use anchors suitable for the mounting surface.
4. **Mounting base must be above grade, minimum recommended is 1-1/2 inch.**

ANCHOR BOLT INSTALLATION

CAUTION: Install according to all applicable local codes.

Install **Anchor Bolts** in concrete foundation (*by others*) using the **Anchor Bolt Carrier** (Fig.1 Round Bollard, Fig. 2 Square Bollard) or templates provided (Fig 15). **Bollard Base** may also be used as the template. **Bolt Threads** should protrude from concrete about 1-1/2 inch (Fig. 3).

Fig: 1

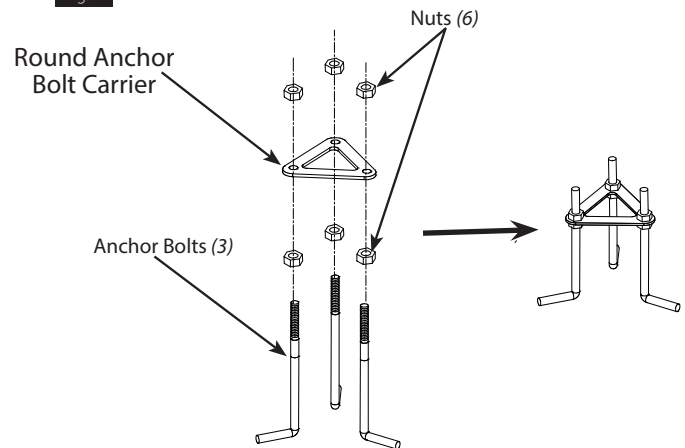
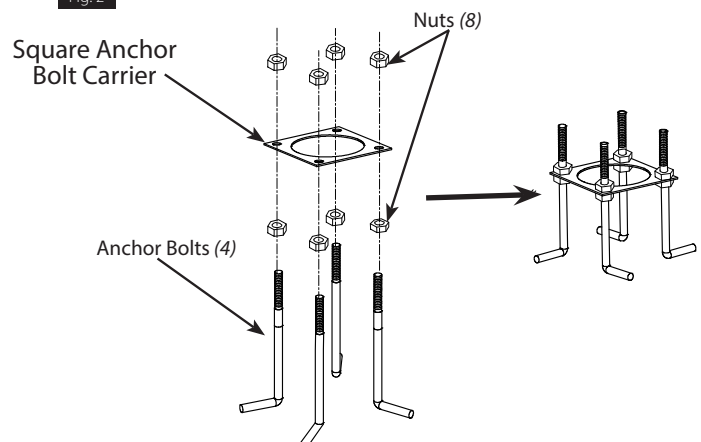


Fig: 2



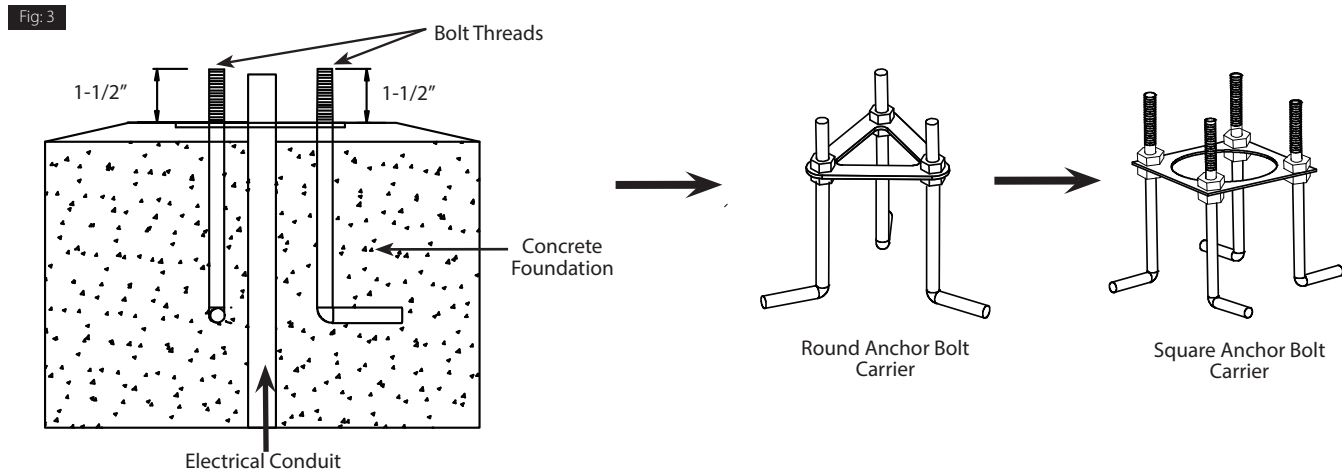
INSTRUCTIONS

B17™ FIELD-ADJUSTABLE INSTALLATION



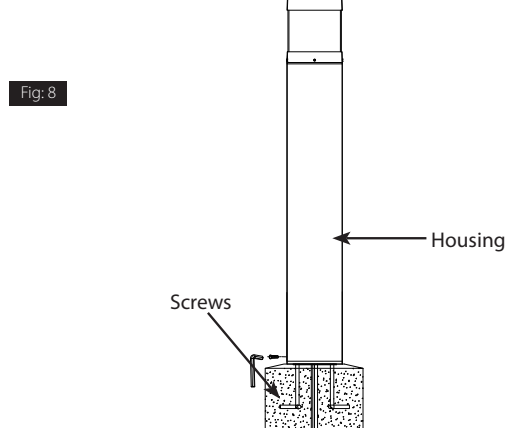
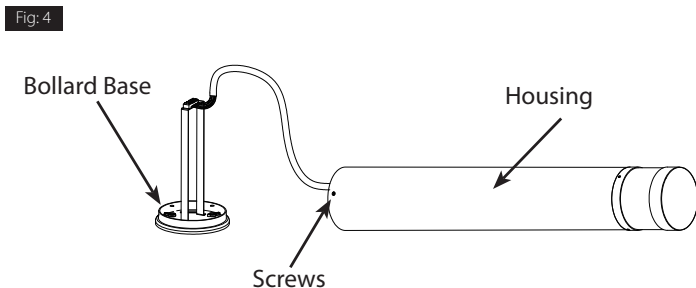
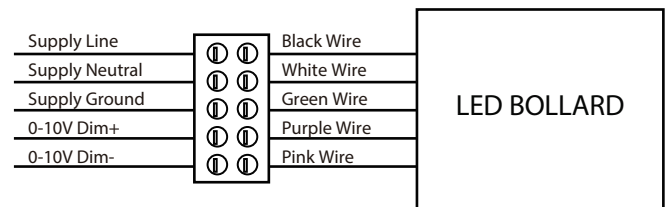
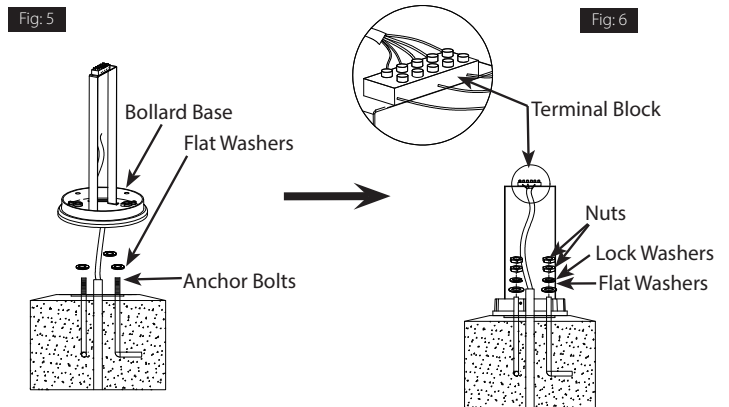
RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com

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



BOLLARD BASE

1. Loosen **Screws** at bottom of **Housing** to separate **Bollard Base** from **Housing** (Fig. 4).
2. Place the **Bollard Base** over the **Anchor Bolts** (Fig. 5).
3. If leveling is required, additional washers (*not provided*) may be added under the **Mounting Base**.
4. Secure the **Mounting Base** to the foundation using provided hardware, Fig. 6.
5. Be sure supply leads extend far enough to make fixture connections. Make the wiring connections using **Terminal Block** or UL approved connectors.
6. Connect the fixture wires to the **Terminal Block**, see Fig. 6 and Fig. 7.
7. Slide the **Housing** onto the **Bollard Base** and secure with **Screws** (*provided*), Fig. 8.



INSTRUCTIONS

B17™ FIELD-ADJUSTABLE 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

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

FIELD ADJUSTMENT

Follow instructions below to change the **Fixture Power (W)**, **Color Temperature (CCT)** and/or **Photocell ON/OFF** position from factory settings:

Factory Settings:

Power (W): 24W

Color Temperature (CCT): 4000K

Photocell: OFF

1. Loosen **Screws** on the side of the **Housing** to loosen **Bollard Head** from **Housing** as shown in Fig. 9 for Round Bollard, Fig. 10 for Square Bollard.
2. For **Round Bollard** remove (2) **Field Adjust Switch Covers** located on the underside of the **Round Bollard Head** and remove to access **Field Adjust Switches** (Fig. 9).
3. For **Square Bollard** remove **Bollard Head** and locate **Field Adjust Switches** on top of **Housing** as shown in Fig.10.
3. Select **Power (W)**, **Color Temperature (CCT)** and/or **Photocell ON/OFF** option by sliding the respective switch to the desired value. See Fig. 11 for **Round Bollard**, see Fig 12 for **Square Bollard**.
4. Replace **Bollard Head** onto **Housing** and secure with **Screws** Fig. 13.

Fig: 9

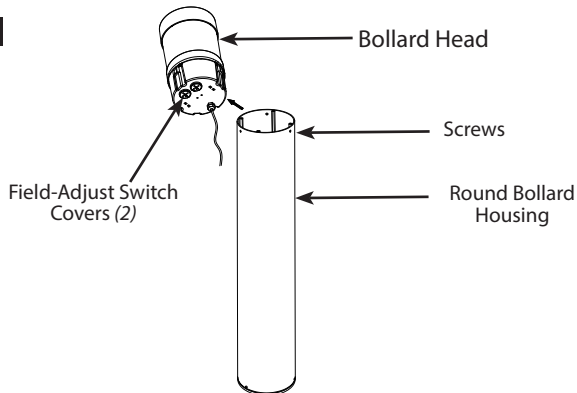


Fig: 10

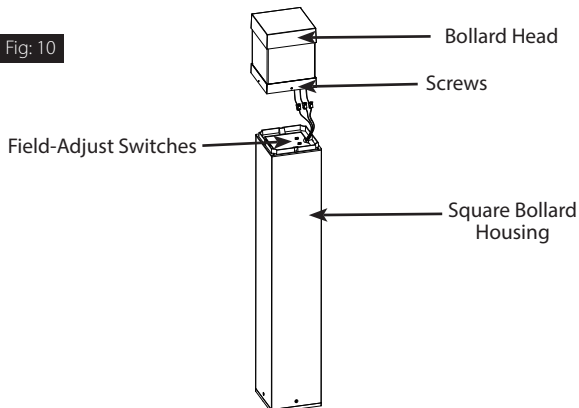


Fig: 11

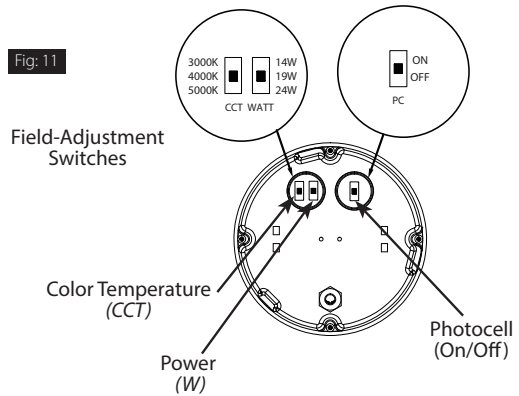


Fig: 12

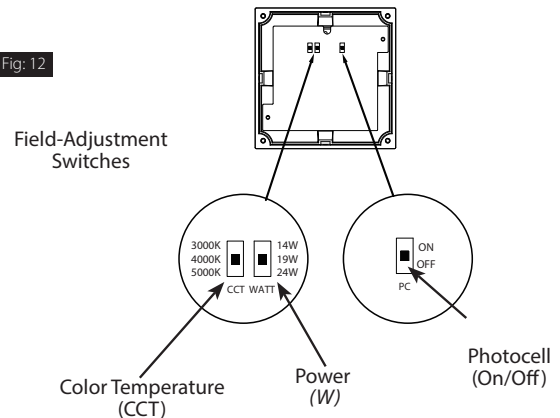
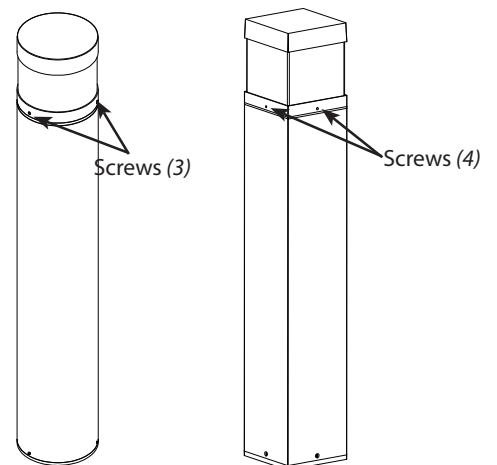


Fig: 13



INSTRUCTIONS

B17™ FIELD-ADJUSTABLE 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

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

0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. For 0-10V dimming, follow the wiring directions as shown in Fig. 14.

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. Do NOT connect the **GROUND** of the dimming fixture to the output.
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.

CLEANING & MAINTENANCE

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

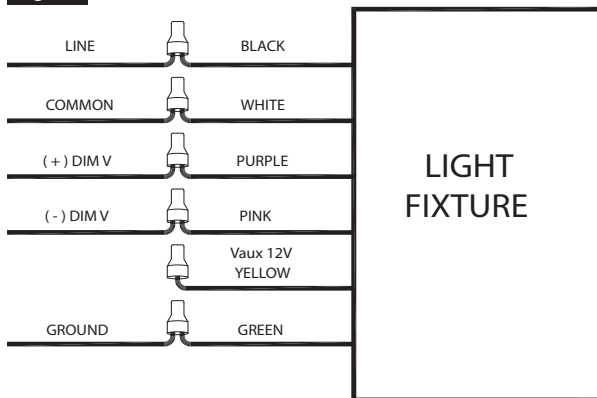
1. Clean lens with a non-abrasive mild detergent.
2. Do not open fixture to clean the LED. Do not touch the LED.

TROUBLESHOOTING

1. Check that the line voltage at the fixture is correct. Refer to wiring directions.
2. Is the fixture grounded properly?

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.

Fig: 14



INSTRUCTIONS

B17™ FIELD-ADJUSTABLE INSTALLATION



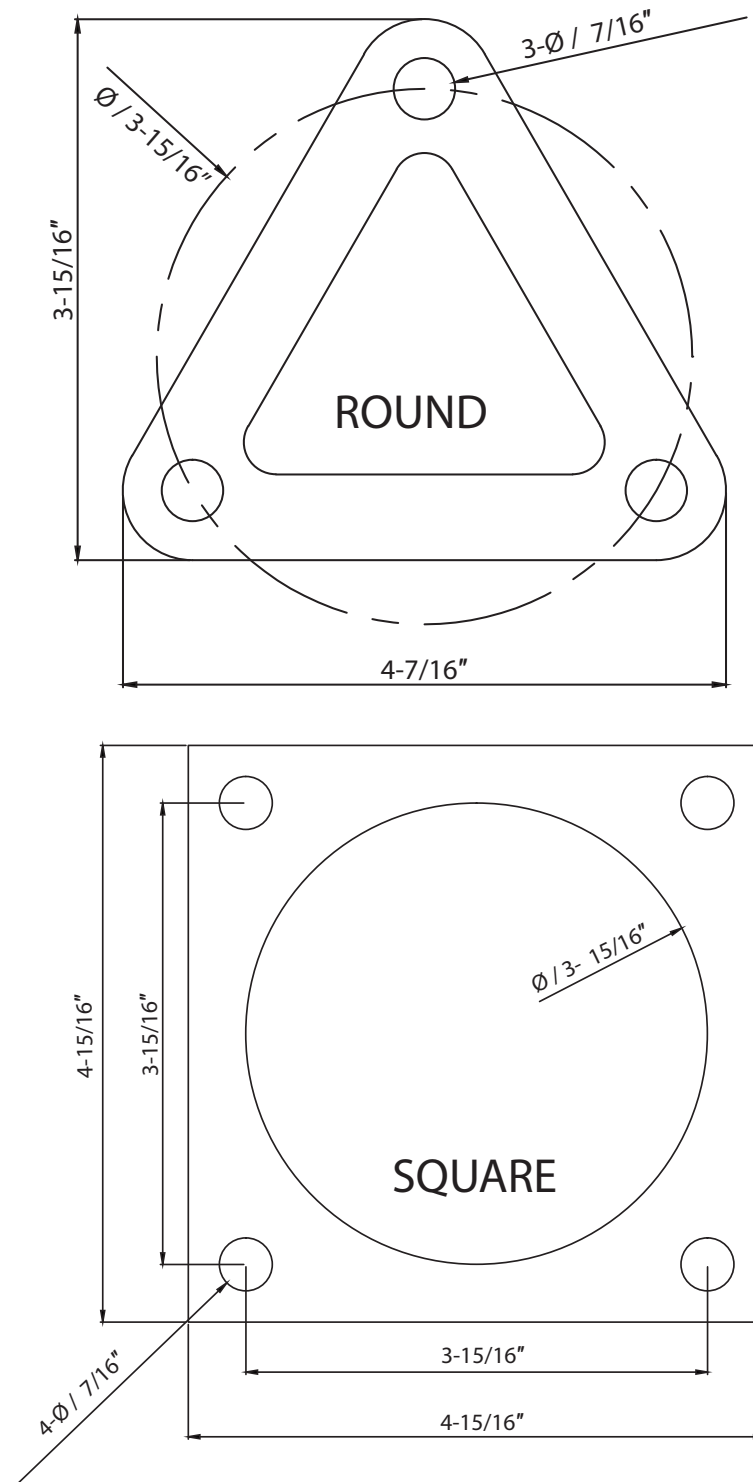
RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com

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

ANCHOR BOLT TEMPLATE

Drawing is not to scale. Use the actual Anchor Bolt Carrier or the Mounting Base for positioning the Anchor Bolts.

Fig: 15



INSTRUCTIONS

B17™ FIELD-ADJUSTABLE 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

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

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, Inverter connector must be open. Do not join **BATTERY** connector until Installation is complete and AC power is supplied to the emergency driver (Fig. 3).

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. Connect the pink (or gray) fixture lead to the (V-) DIM lead.
5. For 0-10V Dimming, connect **DIM (+)** and **DIM (-)** to the supply ground. Do not connect **GROUND** to the output leads.
6. All unused leads must be capped and insulated.
7. After installation is complete, supply AC power to the fixture and connect the **BATTERY**.
8. When power is on, the fixture should be on and the Charging Indicator Light should illuminate to indicate the battery is charging.
9. Once the **BATTERY** has charged for at least one hour, a short duration test may be performed by pressing the test button.
10. After the battery has charged for 24 hours, a long duration test can be performed by shutting power to the fixture.

OPERATION

1. When AC power is applied, the charging indicator light is illuminated, indicating that the **BATTERY** is being charged.
2. When AC power fails, the standby power automatically switches to emergency mode (*internal battery*), operating at reduced illumination for a minimum of 90 minutes.
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:

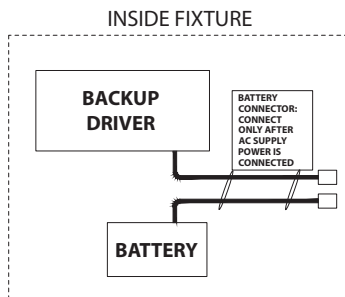
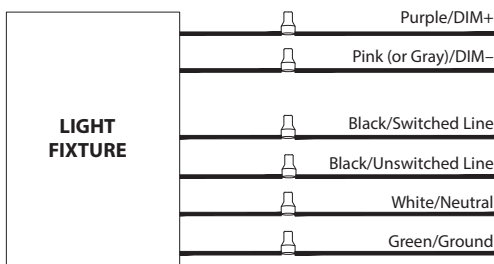
1. Visually inspect the charging indicator light monthly. It should be illuminated
2. Test the emergency operation of the fixture at 30-day intervals for a minimum of 30 seconds.
3. Conduct a 90-minute discharge test once a year. Fixture would operate at reduced illumination for a minimum of 90 minutes.

TROUBLESHOOTING

1. Is the fixture grounded properly?
2. If the charging indicator light does not illuminate after pressing the test button, check if battery is connected 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.

FIG. 3



© 2026 RAB LIGHTING Inc.

B17 - 0526
P-100343

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