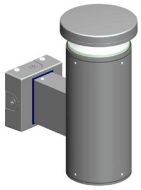
INSTRUCTIONS
ARCHITECTURAL SCONCE INSTALLATION

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



WBLEDR - ROUND



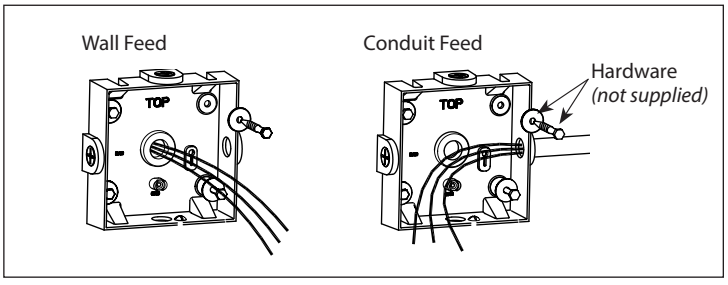
WBLED - SQUARE

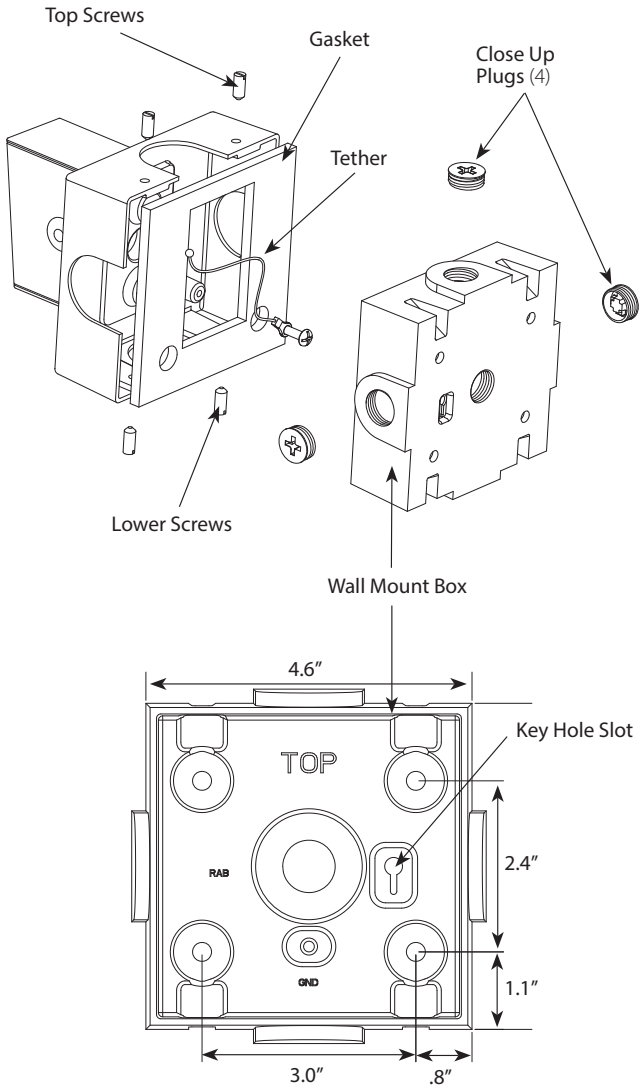
IMPORTANT

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.

MOUNTING TO A WALL

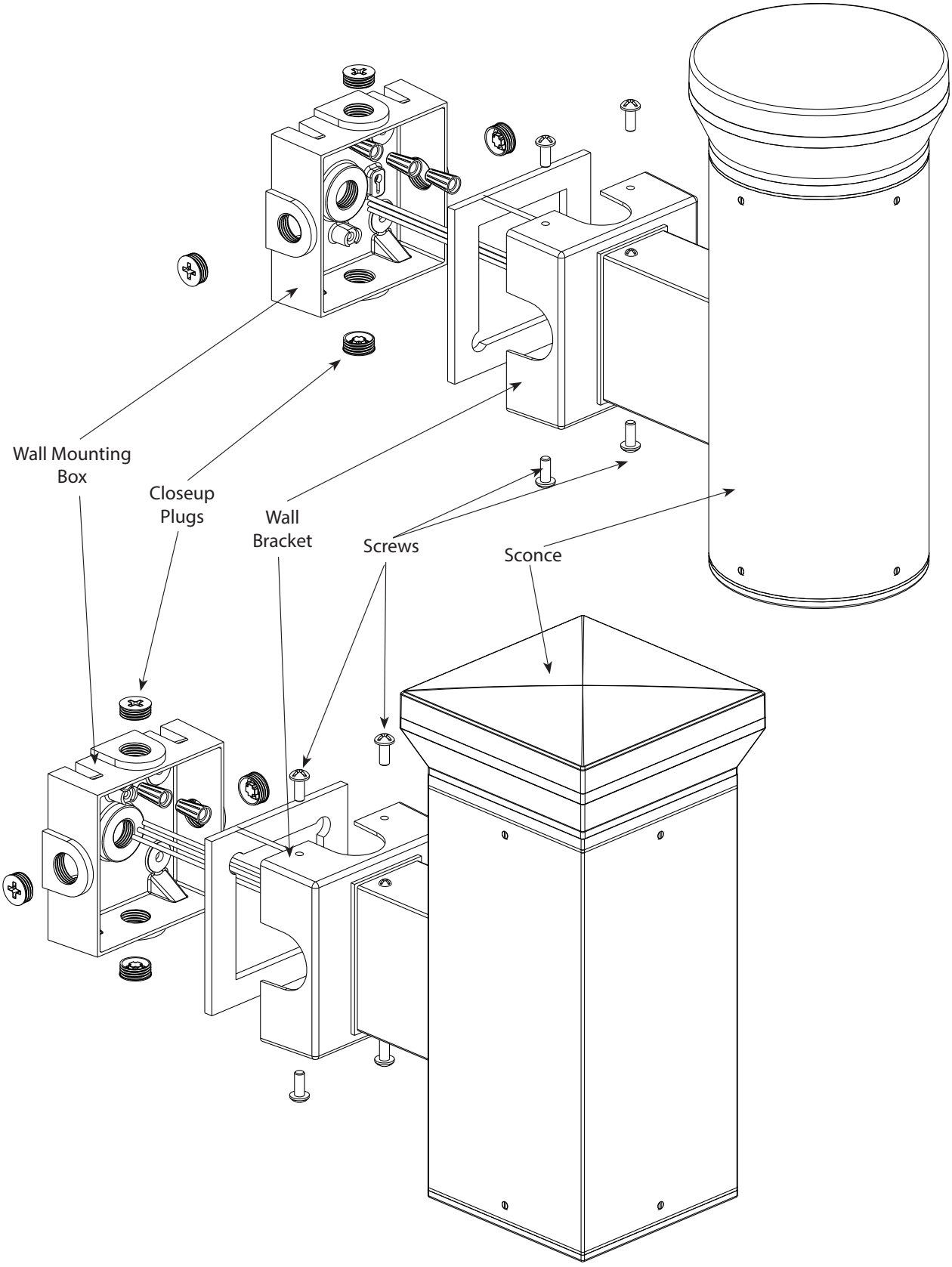
1. Detach the **Wall Mounting Box** from the sconce opening the four screws.
2. Orient box so that "TOP" is on top.
3. Secure **Wall Mounting Box** to a sturdy wall. Use appropriate mounting hardware such as lag bolts and anchors with washers suitable for the mounting surface.
4. Feed supply wires through **Wall Mounting Box**. Check that **Gasket** is fully sealed.
5. Bring fixture up to the **Wall Mounting Box** and slide the stainless steel **Tether** from the fixture into the **Key Hole Slot** for hands-free wiring.
6. Wire the fixture using suitable wire connectors.
7. Place wired fixture over the **Wall Mounting Box** and tighten the **Top Screws**. Now tighten the **Lower Screws**.
8. Tighten **Close Up Plugs** and apply weatherproof silicone sealant to all unused conduit entry points. Also use sealant between the wall and **Wall Mount Box**.
9. Aim swivel photocell ***(if installed)*** directly upwards at 90 degree to the top surface of **Wall Box**.





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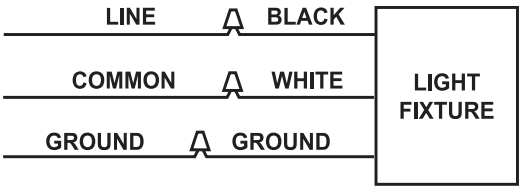
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ON-OFF WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. Units ordered with *(/PCS)* suffix are 120V swivel photocell and *(/PCS2)* suffix are 277V swivel photocell.

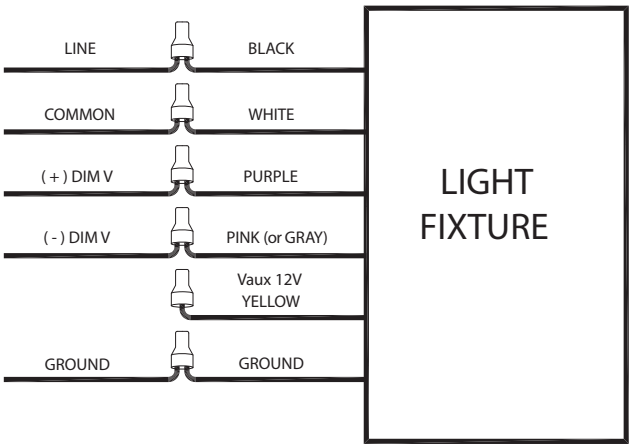
1. Connect the black fixture lead to the (+) **LINE** supply lead.
2. Connect the white fixture lead to the (-) **COMMON** supply lead.
3. Connect the **GROUND** wire from fixture to supply ground.



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.

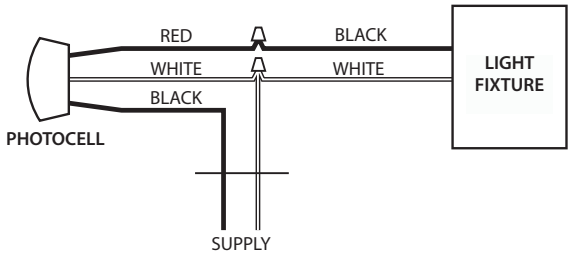
1. Connect the black fixture lead to the (+) **LINE** supply lead.
2. Connect the white fixture lead to the (-) **COMMON** supply lead.
3. Connect the **GROUND** wire from fixture to supply ground. Do **NOT** connect the **GROUND** of the dimming fixture to the output.
4. Connect the purple fixture lead to the (V+) DIM lead.
5. Connect the pink ***(or gray)*** fixture lead to the (V-) DIM lead.
6. Cap the yellow fixture lead, if present. Do NOT connect.



PHOTOCELL INSTALLATION

Photocell may be installed in the field. Apply weatherproof silicone sealant to all plugs and unused conduit entries.

1. Remove close up plug on top of the wall mounting box.
2. Install photocell and wire as per diagram.
3. Use photocell rated for your supply voltage



TROUBLESHOOTING

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

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 fixture to clean the LED. Do not touch the LED.

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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