INSTRUCTIONS

WPLED® 52W - 104W 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



WPLED 52W - 104W
Standard (15 Deg)



WPLEDC 52W - 104W
Cutoff (7.5 Deg)



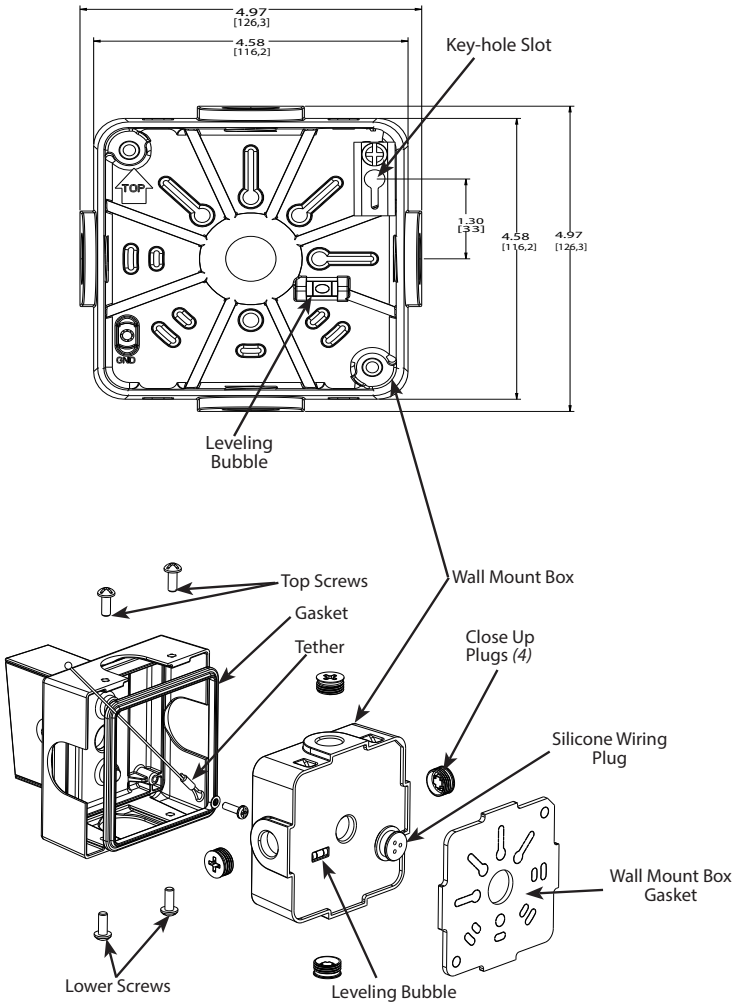
WPLEDFC 52W - 104W
Full Cutoff (0 Deg)

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

MOUNTING TO THE WALL

1. Orient **Wall Mount Box** such that **'TOP'** is pointing up.
2. Feed supply wires through **Wall Mount Box Gasket** into **Wall Mount Box** through **Silicone Wiring Plug**, if not using conduit/ connectors.
3. Secure **Wall Mount Box** to a sturdy mounting surface. Use appropriate mounting hardware such as lag bolts and anchors with washers suitable for the mounting surface. A **Leveling Bubble** is provided to level fixture.
4. Silicone around the edge of **Wall Mount Box Gasket** and/ or junction box.
5. Check that **Gasket** is fully sealed.
6. Slide the stainless-steel **Tether** from the fixture into the **Key-hole Slot** for hands free wiring.
7. Wire the fixture using UL listed wire connectors according to NEC and local codes.
8. Place wired fixture over the **Wall Mount Box** and tighten the **Top Screws**, then tighten the **Lower Screws.**
9. Tighten **Close Up Plugs** *(4)* and apply weatherproof silicone sealant to all unused conduit entry points.



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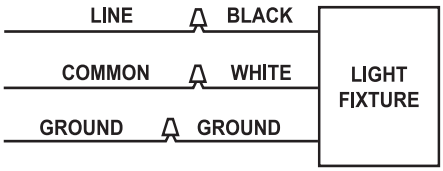
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ON/OFF WIRING

Universal voltage driver permits operation at 120V to 277VAC, 50 or 60 Hz except fixtures factory ordered with a 120V swivel photocell *(/PCS)* or 277V swivel photocell *(/PCS2)* or 480V swivel photocell *(/PCS4)*. Units ordered with *(/480V)* suffix are 480V.

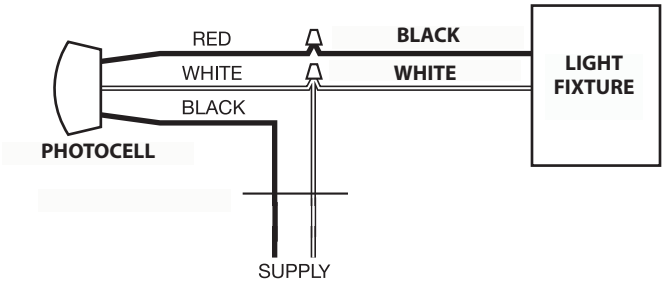
1. Connect the black fixture lead to the (+) **LINE** supply lead.
2. Connect the white fixture lead to the (-) **COMMON** supply lead.
3. Connect the bare copper ***GROUND*** wire from fixture to supply **GROUND**.



PHOTOCELL INSTALLATION

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

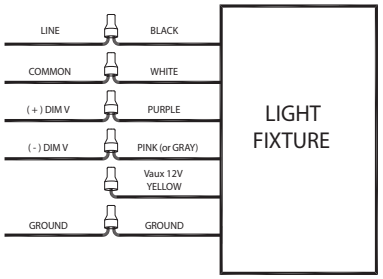
1. Remove close up plug on top of the wall mounting box.
2. Install photocell and wire as per diagram.
3. Use photocell rated for your supply voltage.



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 shown below.

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.



CLEANING & MAINTENANCE

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

1. Clean glass 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?

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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WPLED 52/80W/104W - 1121
73108-RAB

Easy Answers

rablighting.com
Visit our website for product info

Tech Help Line
Call our experts: 888 722-1000

e-mail
Answered promptly - sales@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.*