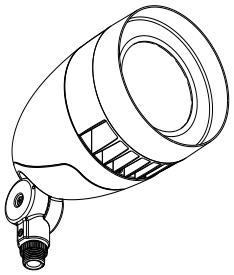
HBLED HSLED® HNLED INSTALLATION INSTRUCTIONS



IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

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.

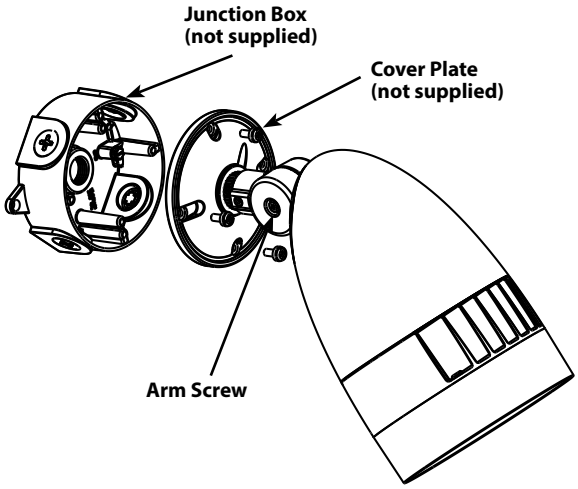
WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

CAUTION: For proper weatherproof seal, apply weatherproof silicone sealant around the edge of the Junction Box. This is especially important with an uneven wall surface. Use silicone sealant or teflon tape around the thread of the arm.

WALL MOUNTING

Mount to a weatherproof **Junction Box (not supplied)** and **Cover Plate (not supplied)** as shown. Apply weatherproof silicone sealant around the edge of the Junction Box. This is especially important with an uneven wall surface.

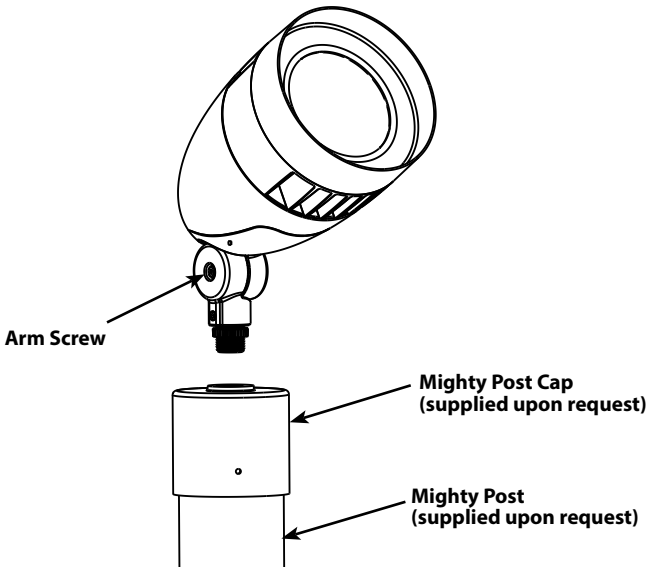
1. Thread fixture into **Cover Plate**. Use silicone sealant or teflon tape around the thread of the arm.
2. Connect wires as shown in the wiring section.
3. Attach **Cover Plate** to **Junction Box**.
4. Aim fixture in the desired direction and tighten locknut and **Arm Screw**.



GROUND MOUNTING

Mount to a **Mighty Post** (RAB Cat# MP19) as shown.

1. Thread fixture into **Mighty Post Cap (supplied upon request)**. Use silicone sealant or teflon tape around the thread of the arm.
2. Connect wires as shown in the wiring section. Push all wires inside the **Mighty Post (supplied upon request)**.
3. Place **Mighty Post Cap** on the **Mighty Post**.
4. Aim fixture in the desired direction and tighten locknut and **Arm Screw**.



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ON-OFF WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. Units ordered with (/480V) suffix are 480V. For Non-Dimming, follow the wiring directions as in fig. 1.

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.

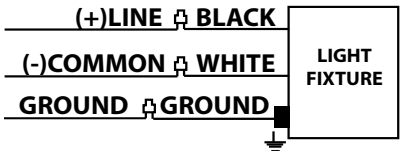

Fig. 1

TROUBLESHOOTING

1. Check that the line voltage at fixture is correct. Refer to wiring section.
2. Check the fixture is grounded properly.
3. If sensor is connected, check if it is working 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 & fixture with non-abrasive cleaning solution.
2. Do not open fixture to clean the LED. Do not touch the LED.
3. Keep leaves and debris out of hood.

0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. 0-10V control wires must be rated for 300V minimum. For 0-10V Dimming, follow the wiring directions as in fig. 2.

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 gray fixture lead to the (V-) DIM lead.
6. Cap the yellow fixture lead, if present. Do NOT connect.

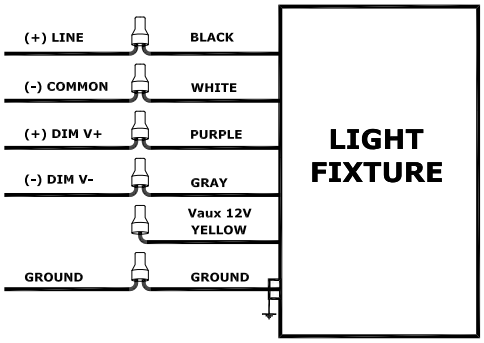

Fig. 2

Patent: Pending: Pat. pending

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.