

INSTRUCTIONS

FFLED18 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 the fixture. No user serviceable parts inside.

MOUNTING

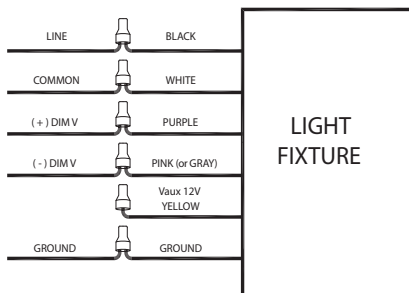
1. Seal arm thread using Teflon tape or silicone sealant.
2. Secure the LED flood to a 1/2" NPS hole in a junction box or landscape post.
3. Plug all unused holes and seal threads with silicone.
4. The swivel arm on the LED flood allows 140° - 150° of vertical aiming adjustment depending on mounting location.

0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz., except fixtures factory ordered with a 120V swivel photocell (/PCS), 277V swivel photocell (/PCS2). For 0-10V dimming see **Fig. 1**.

1. For Junction Box Mount, feed wires through silicone wiring plug into the junction box.
2. Connect the black fixture lead to the **LINE** supply lead.
3. Connect the white fixture lead to the **COMMON** supply lead.
4. Connect the **GROUND** wire from fixture to supply ground.
Do NOT connect the **GROUND** of the dimming fixture to the output.
5. Connect the purple fixture lead to the DIM V+ lead.
6. Connect the pink (or gray) fixture lead to the DIM V- lead.
7. Cap the yellow fixture lead, if present. Do NOT connect.

Fig. 1



GUARD OR SHIELD INSTALLATION

Wire Guard and Poly Shield mount with (4) #8-32 **Stainless Steel Screws**. Screws are provided with accessory. See **Figure 2** for Guard. See **Figure 3** for Shield.

1. Line up guard with pre-existing, pre-drilled holes in frame as shown, tighten screws.

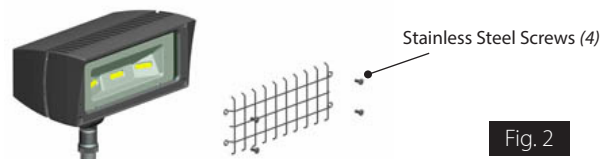


Fig. 2

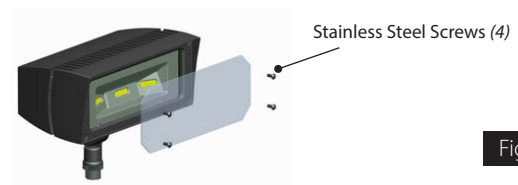
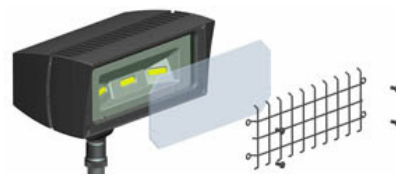


Fig. 3

GUARD & SHIELD INSTALLATION

The Wire Guard and Poly Shield can be mounted on the same fixture with (4) #8-32 screws as shown below.



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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. Be sure the fixture is grounded properly.
- 3. Is the photocell, if used, functioning properly?

ACCESSORIES & REPLACEMENT PARTS

Chrome Wire Guard:	GDFFLED18W
Poly shield:	GDFFLED18P
Lens & Door Replacement:	LFFLED18 (bronze) LFFLED18W (white)

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.

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.