



# FFLED18 INSTALLATION INSTRUCTIONS



Thank you for buying RAB lighting fixtures. Our goal is to design the best quality products to get the job done right. We'd like to hear your comments. Call the Marketing Department at 888-RAB-1000, or email: [marketing@rabweb.com](mailto:marketing@rabweb.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 or maintaining fixture. No user serviceable parts inside.**

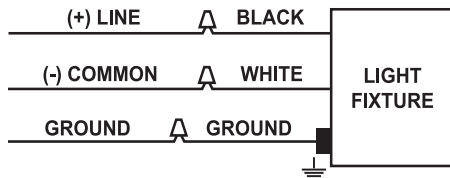
## LOCATION

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.

## WIRING

Universal voltage drivers permit operation at 120V to 277VAC, 50 or 60 Hz except fixtures factory ordered with a 120V photocell (/PC)

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.



## GUARD or SHIELD INSTALLATION

Wire Guard and Poly Shield mount with (4) #8-32 Stainless Steel Screws. Screws are provided with accessory. See figure 1 for Guard. See figure 2 for Shield

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

Figure 1

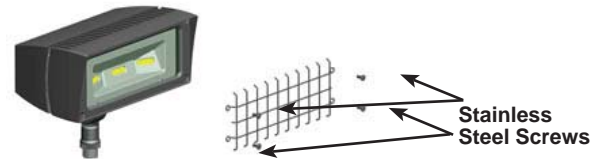
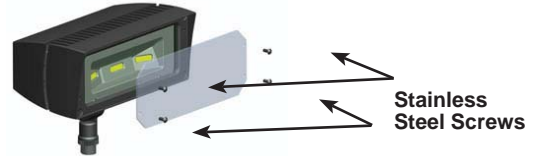


Figure 2



## GUARD & SHIELD INSTALLATION

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



## FFLED18 INSTALLATION INSTRUCTIONS

### 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?

### 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.

### ACCESSORIES AND REPLACEMENT PARTS

**Chrome Wire Guard:** GDDFFLED18W

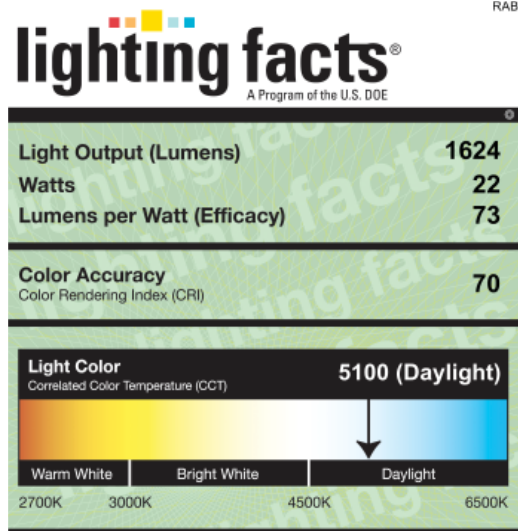
**Poly shield:** GDDFFLED18P

**Lens&Door Replacement:** LFFLED18 (bronze)  
LFFLED18W (white)

US: pat D643,147, CA: Pat Pending CN: Pat Pending, MX: 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.

#### FFLED18 Cool

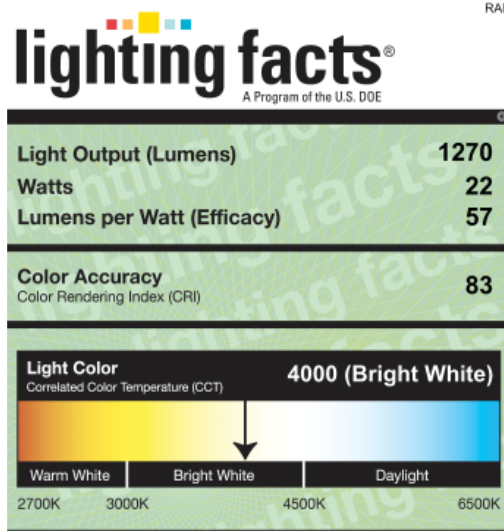


All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: WVMA-58MRGJ (9/13/2011)  
Model Number: FFLED18  
Type: Other

#### FFLED18N Neutral

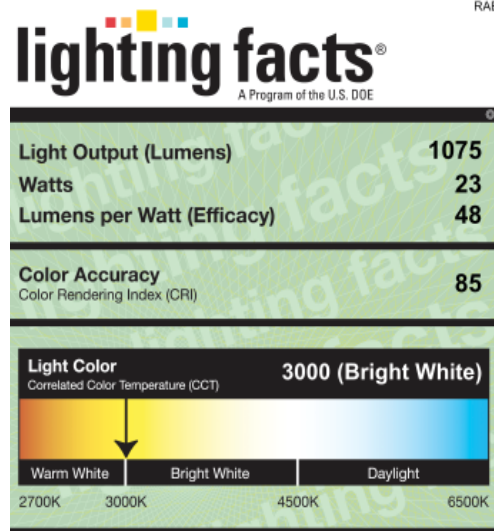


All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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Registration Number: WVMA-CYH8B1 (9/13/2011)  
Model Number: FFLED18N  
Type: Other

#### FFLED18Y Warm



All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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Registration Number: WVMA-LJDBKV (9/13/2011)  
Model Number: FFLED18Y  
Type: Other

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