# FUTURE FLOOD 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*



## 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.**

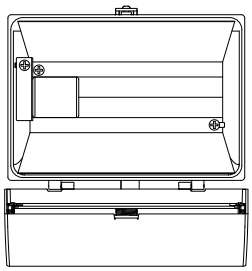
## LOCATION

1. Secure the Future Flood to any 1/2" NPS hole in a metal plate coverplate, junction box or landscape post. Plug all unused holes and seal threads with silicone.
2. The swivel arm on the Future Flood allows 150º of vertical aiming adjustment.
3. Do not aim fixture to any object closer than 18 inches.

## LAMP INSTALLATION

**CAUTION: Prior to installing, check that the lamp is the correct ANSI type and wattage. Observe lamp manufacturer's recommendations on lamp operation, ballast type and burning positions.**

1. Disconnect power. Make sure fixture and lamp are cool enough to touch.
2. Remove screw from the door clip on the top of the fixture. Open fixture, swing door down on hinges.
3. Fully insert lamp into socket.
4. Before closing door, make sure frame gasket is properly seated all around the fixture.
5. Close door. Replace screw on door clip, if desired.



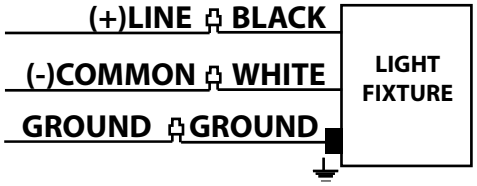
## WIRING

Do not use any supply voltage other than those specified below:

| | |
|---|---|
| FF35-FF150 HPS | 120V only |
| FFH50-70 MH | 120V only |
| FF42QT | 120V thru 277V* |

* No internal wiring changes needed for various voltages as the ballast is quad tap electronic.

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.




## 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. As lamps age, light output diminishes. Mass relamping at regular intervals ensures full light output at the highest efficiency.

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## REPLACEMENT LAMPS AND BALLASTS

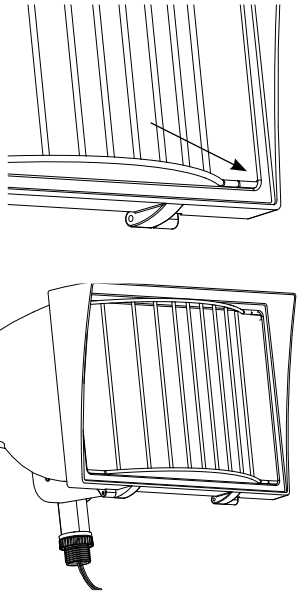
| Wattage | Lamp Catalog# | ANSI Code | Ballast Catalog# |
|---|---|---|---|
| **High Pressure Sodium** | | | |
| 35 | LHPS35 | S76 | BHPSN35 |
| 50 | LHPS50 | S68 | BHPSN50 |
| 70 | LHPS70 | S62 | BHPSN70 |
| 100 | LHPS100 | S54 | BHPSN100 |
| 150 | LHPS150 | S55 | BHPSN150 |
| **Metal Halide** | | | |
| 50 | LMH50 | M110 | BMHN50 |
| 70 | LMH70 | M98 | BMHN70 |
| **Compact Fluorescent** | | **Base Type** | |
| 42 | LCFL42 | GX24q-4 | BCLF42 |

## ACCESSORIES AND REPLACEMENT PARTS

| | |
|---|---|
| **Chrome Wire Guard:** | GDFF |
| **Door and Frame with Glass:** | LFF (bronze) |
| | LFFW (white) |
| **Swivel Arm:** | FFLARMA (bronze) |
| | FFLARMW (white) |
| **Factory Installed Photocell:** | "/PC" (120V) |
| | "/PC2" (277V) |
| | "/PCS" (Swivel 120V) |

## GUARD INSTALLATION

1. Slide top and bottom ends of one side of guard into notches in the door frame.
2. Squeeze guard and slide the other ends of the guard into notches on the opposite side of the frame.



## TROUBLESHOOTING

1. Is the proper lamp is installed? Check the wattage and ANSI code on the fixture label against markings on the lamp. Refer to Replacement Lamp table above for verification.
2. Make sure the lamp is not defective. Try a lamp known to be in operating condition.
3. Check that the line voltage at fixture is correct. Refer to wiring directions.
4. Is there voltage at the lamp socket? If there is no voltage, check all connections.
5. Is the fixture is grounded properly?
6. Is the photocell is functioning properly (if used)?

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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