

INSTALLATION INSTRUCTIONS

DESIGNER FLOOD LUMINAIRE DF5/7

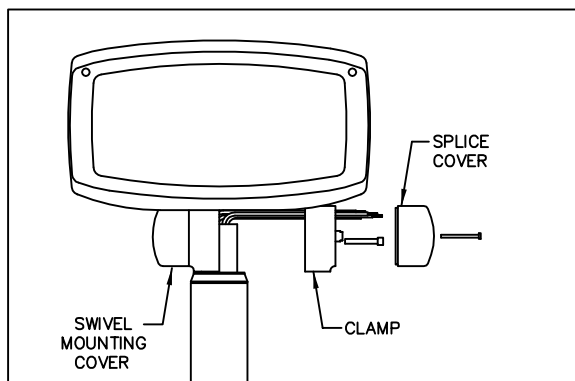
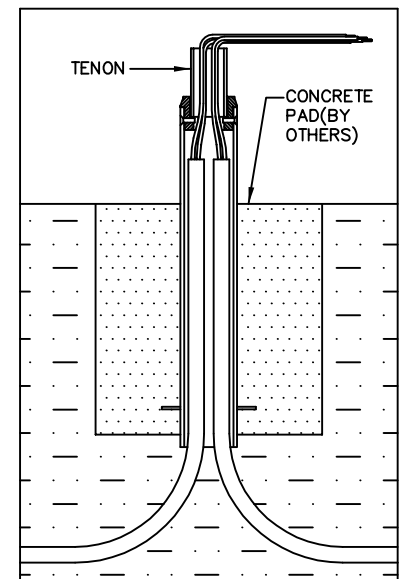


IMPORTANT: READ ALL INSTRUCTIONS BEFORE PERFORMING ANY WORK.
BE SURE ALL POWER IS OFF PRIOR TO INSTALLING LUMINAIRES.
WARNING: FIXTURE MUST BE GROUNDED IN ACCORDANCE WITH
APPROPRIATE CODES. FAILURE TO DO SO MAY RESULT
IN SERIOUS INJURY.

FIXTURE IS APPROVED FOR ABOVE GRADE INSTALLATIONS ONLY

STANCHION MOUNT

1. STUB-UP THROUGH STANCHION ASSEMBLY AS SHOWN. A MINIMUM OF SIX INCHES TO A MAXIMUM OF SIXTEEN INCHES OF THE STANCHION POST IS TO BE EMBEDDED IN A CONCRETE PAD.
2. PULL WIRE SO THAT AT A MINIMUM OF SEVEN INCHES OF WIRE EXTENDS BEYOND THE TENON.
3. REMOVE SPLICE COVER AND CLAMP FROM SWIVEL ASSEMBLY. REST EDGE OF FIXED CLAMP ON FLANGE AT BOTTOM OF TENON. ROUTE FIXTURE AND SUPPLY WIRES THROUGH CLAMP. SECURE CLAMP TO SWIVEL ASSEMBLY WITH 1/4-20 BOLTS PREVIOUSLY REMOVED.
4. MAKE ELECTRICAL CONNECTIONS. FIXTURE LINE TO SUPPLY LINE, COMMON TO COMMON AND GROUND TO GROUND. WIRING TO ADDITIONAL FIXTURES ON THE SAME CIRCUIT MAY BE INCLUDED IN THE SWIVEL SPLICE COMPARTMENT.



5. UNSCREW THE TWO BOLTS IN THE UPPER CORNERS OF THE LENS FRAME. OPEN FRAME, INSTALL LAMP, CLOSE AND SECURE FRAME BEING CAREFUL NOT TO OVER TIGHTEN THE BOLTS.
6. THE FIXTURE MAY BE AIMED ON THE VERTICAL AXIS BY LOOSENING THE CLAMP BOLTS AND ROTATING THE FIXTURE AS REQUIRED. TO AIM ON THE HORIZONTAL AXIS, LOOSEN THE

BOLT IN THE CENTER OF THE SWIVEL MOUNTING COVER. EACH MARK ON THE MOUNTING COVER INDICATES 15°. THE INTERNAL TEETH LOCK EVERY 5°. TIGHTEN BOLTS WHEN AIMING IS COMPLETE.

7. SECURE SPLICE COVER TO CLAMP WITH SCREW PREVIOUSLY REMOVED.

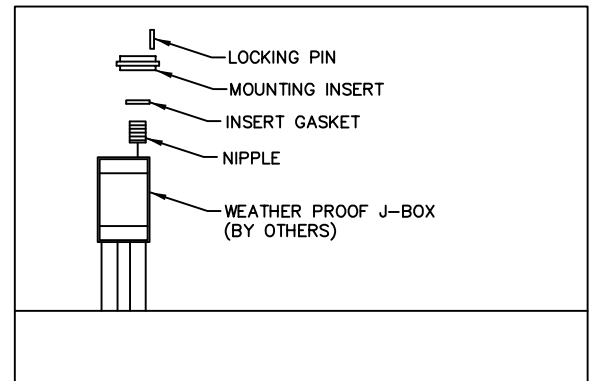
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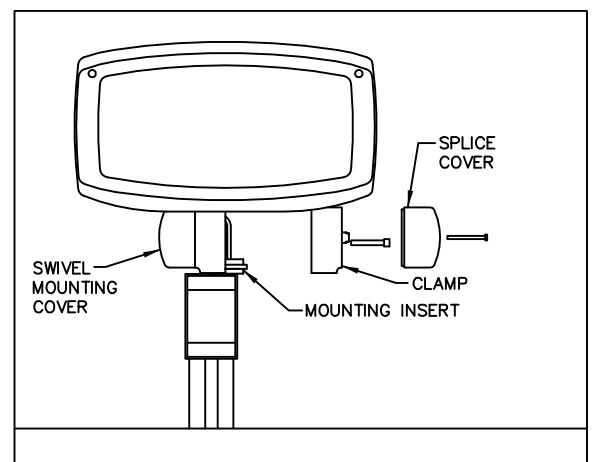


WEATHER PROOF J-BOX MOUNT – DF7

1. SCREW NIPPLE INTO WEATHER PROOF J-BOX (BY OTHERS). PLACE INSERT GASKET OVER NIPPLE AND SCREW ON MOUNTING INSERT MAKING SURE THAT THE GASKET RECESS FACES THE GASKET. AFTER TIGHTENING THE MOUNTING INSERT TO FULLY COMPRESS THE GASKET, TAP THE LOCKING PIN THROUGH ONE OF THE THREE HOLES IN THE MOUNTING INSERT THAT WILL ALLOW THE PIN TO EXTEND THROUGH AND BEAR AGAINST THE J-BOX SIDE. THIS WILL PREVENT REMOVAL OF THE MOUNTING INSERT.



2. REMOVE SPLICE COVER AND CLAMP FROM SWIVEL ASSEMBLY. REST EDGE OF FIXED CLAMP ON J-BOX SURFACE ADJACENT TO MOUNTING INSERT. SLIDE FIXTURE SO THAT THE MOUNTING INSERT ENGAGES THE RECESS IN THE FIXED CLAMP. FEED FIXTURE WIRES THROUGH NIPPLE. SECURE CLAMP TO SWIVEL ASSEMBLY WITH 1/4-20 BOLTS PREVIOUSLY REMOVED.



3. MAKE ELECTRICAL CONNECTIONS IN WEATHER PROOF J-BOX. FIXTURE LINE TO SUPPLY LINE, COMMON TO COMMON AND GROUND TO GROUND. WIRING TO ADDITIONAL FIXTURES ON THE SAME CIRCUIT MAY BE INCLUDED IN THE WEATHER PROOF J-BOX. INSTALL WEATHER PROOF J-BOX GASKET AND COVER (BY OTHERS).

4. UNSCREW THE TWO BOLTS IN THE UPPER CORNERS OF THE LENS FRAME. OPEN FRAME, INSTALL LAMP, CLOSE AND SECURE FRAME BEING CAREFUL NOT TO OVER TIGHTEN THE BOLTS.

5. THE FIXTURE MAY BE AIMED ON THE VERTICAL AXIS BY LOOSENING THE CLAMP BOLTS AND ROTATING THE FIXTURE AS REQUIRED. TO AIM ON THE HORIZONTAL AXIS, LOOSEN THE BOLT IN THE CENTER OF THE SWIVEL MOUNTING COVER. EACH MARK ON THE MOUNTING COVER INDICATES 15°. THE INTERNAL TEETH LOCK EVERY 5°. TIGHTEN BOLTS WHEN AIMING IS COMPLETE.

6. SECURE SPLICE COVER WITH SCREW PREVIOUSLY REMOVED.

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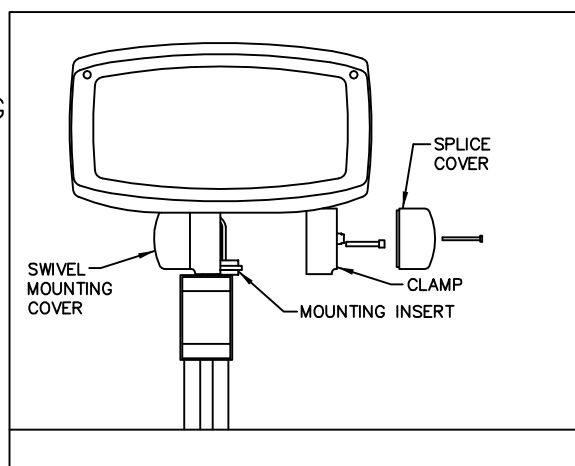
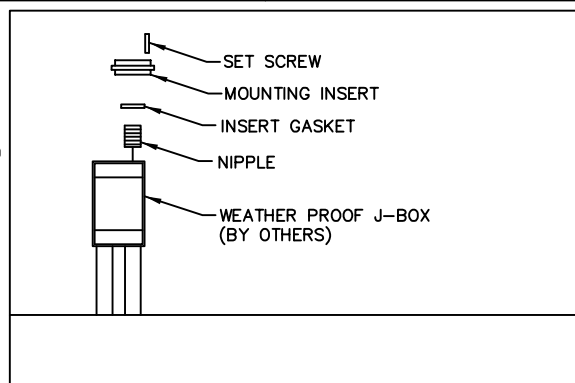
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PHILIPS

GARDCO

WEATHER PROOF J-BOX MOUNT – DF5

1. SCREW NIPPLE INTO WEATHER-PROOF J-BOX (BY OTHERS). PLACE INSERT OVER NIPPLE AND ROTATE UNTIL ONE OF THE TAPPED HOLES IS OVER A THICK BOSS AREA OF THE J-BOX (USUALLY NEAR THE BACK OF THE J-BOX). PUNCH MARK THRU TAPPED HOLE AND REMOVE INSERT. DRILL A 3/16" DIA. BLIND HOLE 1/2" DEEP. MAKE SURE HOLE LOCATION WILL NOT ALLOW DRILL TO 'BREAK OUT' OF BOSS. PLACE INSERT GASKET OVER NIPPLE AND SCREW ON MOUNTING INSERT WITH THE SUPPLIED NUT MAKING SURE THAT THE GASKET RECESS FACES THE GASKET. AFTER TIGHTENING THE MOUNTING INSERT TO FULLY COMPRESS THE GASKET AND ALIGNING ONE TAPPED HOLE WITH THE DRILLED HOLE IN THE J-BOX, SCREW THE SET SCREW THROUGH THE TAPPED HOLE AND INTO THE DRILLED HOLE AS A ROTATION STOP. DO NOT BOTTOM OUT THE SET SCREW. THIS WILL PREVENT REMOVAL OF THE MOUNTING INSERT.
2. COMPLETE THE REST OF THE ASSEMBLY STEPS FOR THE DF7 WEATHER-PROOF J-BOX MOUNT.



DIRECT CONDUIT MOUNT

1. STUB UP 3/4" (DF5) OR 1" (DF7) RIGID CONDUIT A MAXIMUM HEIGHT OF 12".
2. PULL WIRE SO THAT A MINIMUM OF SEVEN INCHES OF WIRE EXTENDS BEYOND THE CONDUIT.
3. REMOVE SPLICE COVER AND LOOSEN CLAMPING SCREWS. REST EDGE OF FIXED CLAMP ON END OF CONDUIT. ROUTE SUPPLY WIRES THRU THE CLAMP. SLIDE THE FIXTURE ONTO THE CONDUIT WITHOUT PINCHING OR ABRADING THE WIRES. AIM FIXTURE AND SECURE CLAMP TO CONDUIT WITH THE CLAMPING SCREWS PREVIOUSLY LOOSENED.
4. MAKE ELECTRICAL CONNECTIONS. FIXTURE LINE TO SUPPLY LINE, COMMON TO COMMON, AND GROUND TO GROUND. WIRING TO ADDITIONAL FIXTURES ON THE SAME CIRCUIT MAY BE INCLUDED IN THE SWIVEL SPLICE COMPARTMENT.
5. UNSCREW THE TWO BOLTS IN THE UPPER CORNERS OF THE LENS FRAME. OPEN FRAME, INSTALL LAMP, CLOSE AND SECURE FRAME, BEING CAREFUL NOT TO OVERTIGHTEN THE BOLTS.
6. THE FIXTURE MAY BE AIMED ON THE VERTICAL AXIS BY LOOSENING THE CLAMP BOLTS AND ROTATING THE FIXTURE AS REQUIRED. TO AIM ON THE HORIZONTAL AXIS, LOOSEN THE BOLT IN THE CENTER OF THE SWIVEL MOUNTING COVER. EACH MARK ON THE MOUNTING COVER INDICATES 15°. THE INTERNAL TEETH LOCK EVERY 5°. TIGHTEN BOLTS WHEN AIMING IS COMPLETE.
7. SECURE SPLICE COVER TO CLAMP WITH SCREW PREVIOUSLY REMOVED.

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RIGID CONDUIT MOUNT

1. STUB-UP 1/2 OR 3/4 INCH (WITH REDUCER FOR DF5) RIGID CONDUIT SO THAT CENTER TO CENTER SPACING IS 1 3/8 INCHES (DF7) OR 1 INCH SPACING (DF5). THE STUB-UP INSERT MAY BE USED TO PROPERLY POSITION THE CONDUIT. (NOTE: THE SPACERS ARE USED WITH 1/2 INCH CONDUIT ON THE DF7 ONLY)

2. REMOVE STUB-UP INSERT IF IT WAS USED IN STEP 1. PULL WIRE SO THAT A MINIMUM OF TEN INCHES OF WIRE EXTENDS BEYOND THE END OF THE CONDUIT.

3. FEED WIRES THROUGH STUB-UP INSERT. (NOTE: SPACERS, IF USED, MAY BE RETAINED IN THE STUB-UP INSERT BY THE SET SCREWS PASSING THROUGH THE SPACER CLEARANCE HOLES.) PLACE STUB-UP INSERT OVER CONDUIT AND TIGHTEN SET SCREWS.

4. REMOVE SPLICE COVER AND CLAMP FROM SWIVEL ASSEMBLY. REST EDGE OF FIXED CLAMP ON TOP SURFACE OF STUB-UP INSERT COLLAR. ROUTE FIXTURE AND SUPPLY WIRES THROUGH CLAMP. SECURE CLAMP TO SWIVEL ASSEMBLY WITH 1/4-20 BOLTS PREVIOUSLY REMOVED.

5. MAKE ELECTRICAL CONNECTIONS. FIXTURE LINE TO SUPPLY LINE, COMMON TO COMMON AND GROUND TO GROUND. WIRING TO ADDITIONAL FIXTURES ON THE SAME CIRCUIT MAY BE INCLUDED IN THE SWIVEL SPLICE COMPARTMENT.

6. UNSCREW THE TWO BOLTS IN THE UPPER CORNERS OF THE LENS FRAME. OPEN FRAME, INSTALL LAMP, CLOSE AND SECURE FRAME BEING CAREFUL NOT TO OVER TIGHTEN THE BOLTS.

7. THE FIXTURE MAY BE AIMED ON THE VERTICAL AXIS BY LOOSENING THE CLAMP BOLTS AND ROTATING THE FIXTURE AS REQUIRED. TO AIM ON THE HORIZONTAL AXIS, LOOSEN THE BOLT IN THE CENTER OF THE SWIVEL MOUNTING COVER. EACH MARK ON THE MOUNTING COVER INDICATES 15°. THE INTERNAL TEETH LOCK EVERY 5°. TIGHTEN BOLTS WHEN AIMING IS COMPLETE.

8. SECURE SPLICE COVER TO CLAMP WITH SCREW PREVIOUSLY REMOVED.

