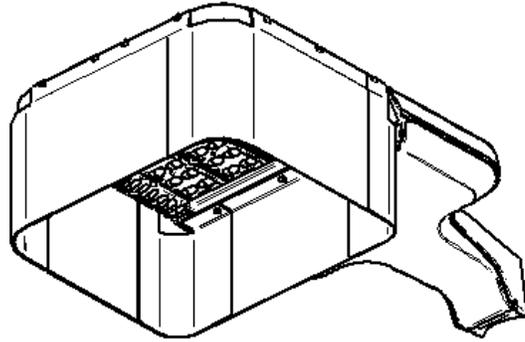


# INSTALLATION INSTRUCTIONS

## ECF – FWC SHIELDING



### PARTS INCLUDED IN FWC SHIELDING KIT:

1. FRONT SHIELD
2. BACK SHIELD
3. RIGHT SHIELD
4. LEFT SHIELD
5. 13 X 8-32UNC X 3/8" PHILIPS PAN HEAD SCREWS

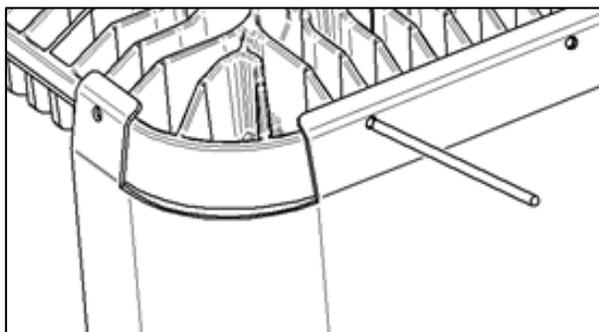
### TOOLS REQUIRED:

1. PHILIPS HEAD SCREWDRIVER
2. #8 DRILL BIT (ONLY NEEDED IF FWC SHIELDING NOT SPECIFIED AT TIME OF ORDER)

**READ ALL INSTRUCTIONS BEFORE BEGINNING ANY WORK.** HOUSINGS SHOULD NOT BE MODIFIED WHILE MOUNTED, BUT SHIELDS MUST BE INSTALLED TO MOUNTED FIXTURES AS MOUNTING HARDWARE WILL NOT BE ACCESSIBLE ONCE SHIELDING IS INSTALLED.

**STEP 1:** DRILLING SHIELD MOUNTING HOLES INTO ECOFORM HOUSING. TO PROPERLY SECURE THE SHIELDS TO THE ECOFORM HOUSING, PLACE THE SHIELD ONTO THE HOUSING AND USE AS A DRILL GUIDE TO LOCATE (QTY 10) MOUNTING HOLES (**FIG 1**). USING A #8 BIT, BORE THROUGH ONLY THE OUTSIDE WALL OF THE CASTING. IF ECOFORM WAS ORDERED FROM THE FACTORY WITH EXTERNAL SHIELDING OPTION, THEN MOUNTING HOLES WILL BE PRESENT UPON OPENING AND PROCEED DIRECTLY TO **STEP 3**.

FIG 1

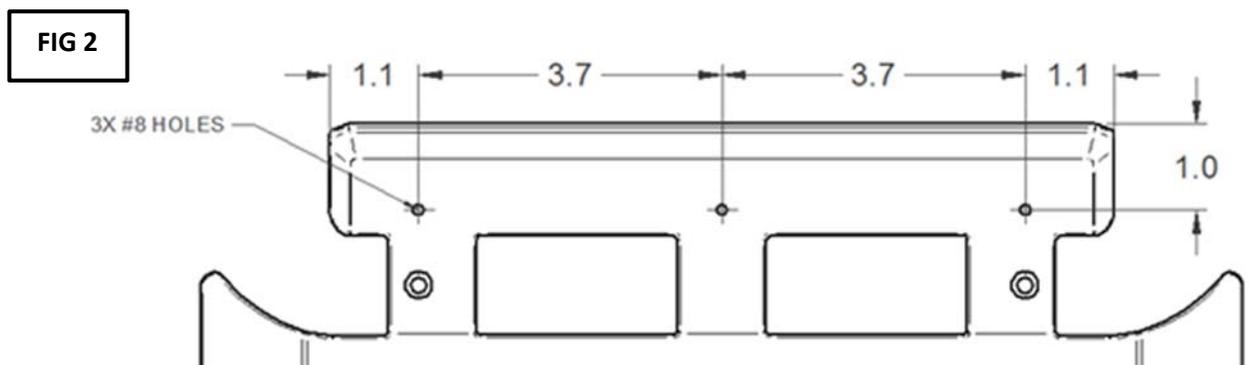


# PHILIPS

# INSTALLATION INSTRUCTIONS

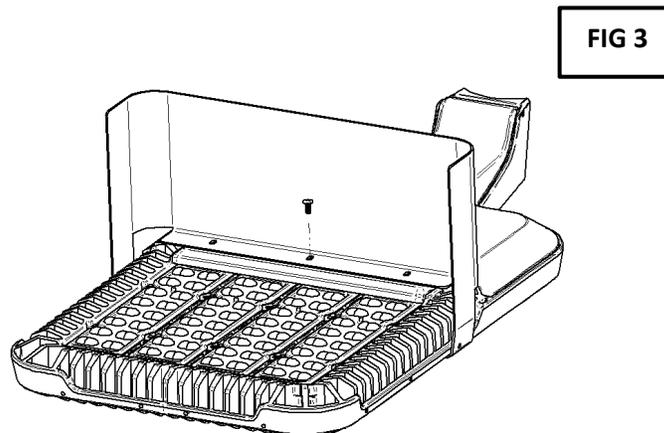
## ECF – FWC SHIELDING

**STEP 2:** DRILLING MOUNTING HOLES IN ECOFORM DOOR. IN ORDER TO MACHINE THE ECOFORM DOOR, THE DOOR CASTING MUST BE TAKEN OFF OF THE LUMINAIRE DURING MODIFICATION SO AS TO NOT DAMAGE ELECTRONIC COMPONENTS. THIS CAN BE DONE BY TAKING OUT (2) 8-32 SET SCREWS USED TO HINGE THE DOOR AND HOUSING. USE THE SHIELD AS A TEMPLATE OR FOLLOW THE DIAGRAM BELOW (**FIG 2**) TO SET LOCATION OF MOUNTING HOLES IN THE DOOR. USE THE #8 BIT TO DRILL (3) HOLES THROUGH THE DOOR CASTING. AFTER HOLES ARE MADE, REATTACH DOOR TO HOUSING USING HINGE SCREWS.



**STEP 3:** MOUNTING OF THE ECOFORM EXTERNAL SHIELDING SHOULD BE COMPLETED IN THE FOLLOWING ORDER:

**A)** ATTACH BACKSIDE SHIELD USING 8-32 PHILIPS HEAD SCREW INTO CENTER MOUNTING HOLE (**FIG 3**). DO NOT FULLY TIGHTEN AS THE SIDE SHIELDS WILL REST UNDER THE MOUNTING SURFACE OF THE SHIELD.



# PHILIPS

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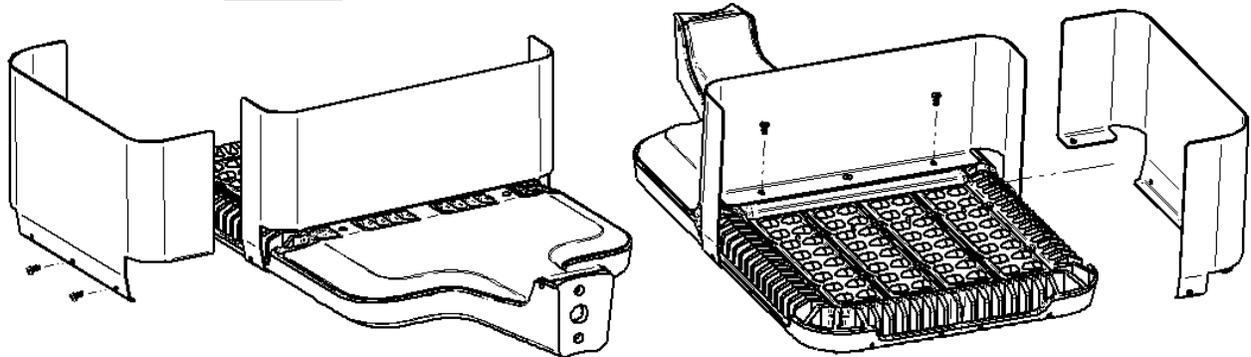
SHEET 2 OF 3

# INSTALLATION INSTRUCTIONS

## ECF – FWC SHIELDING

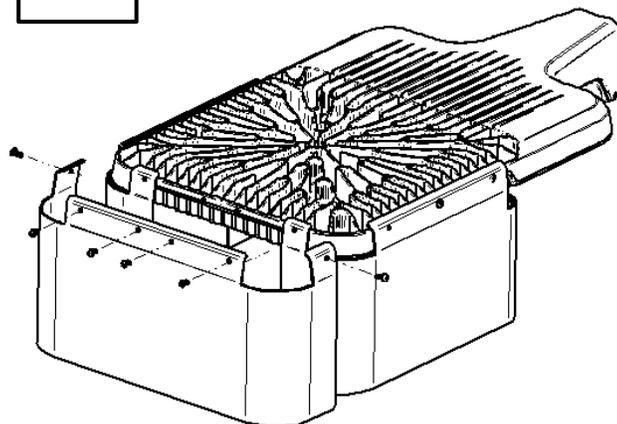
**B) PLACE SIDE SHIELDS UNDER BACK SHIELD AS SHOWN, THEN INSTALL AND TIGHTEN 3 DOOR/SHIELD MOUNTING SCREWS AND 2 REAR CASTING SHIELD MOUNTING SCREWS (FIG 4)**

FIG 4



**C) ATTACH FRONT SHIELD TO OUTSIDE OF SIDE SHIELDS AND INSTALL REMAINING SHIELD MOUNTING SCREWS ON FRONT AND SIDES (FIG 5)**

FIG 5



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