

**Changing the LED Board on an FX Special lights**

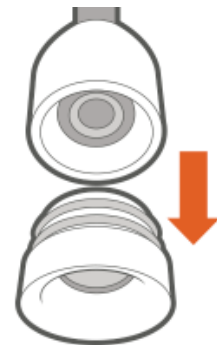
**1. Changing the LED Board on the BQ Light**

**STEP 1**



Turn off power to the fixture completely before changing the LED board in any fixture.

**STEP 2**



Remove lens assembly from the BQ fixture by pulling it off of the fixture.

**STEP 3**



Remove the filter from the fixture by twisting it counter-clockwise and lifting it off

**STEP 4**



Remove the two screws holding the reflector and the LED board to the fixture using a small Phillips screwdriver.

**STEP 5**



The LED board can now be removed. Using a small soft edged pry device gently pry up on one side of the board. Make sure the base where the LED was removed is clear of debris or residual thermal pad material.

**STEP 6**

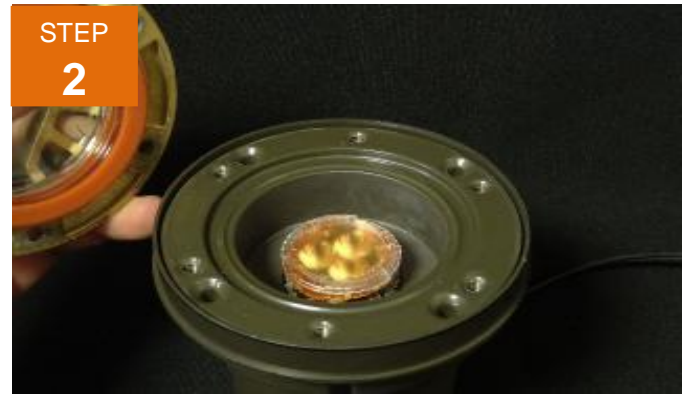


Once the LED is successfully removed this procedure can be performed backwards to install the replacement board. Replacement boards will have to be the same size LED to fit properly. All new FX LED boards come with a clear plastic coating on the back of the thermal pad; this must be removed prior to installation.

## 2. Changing the LED Board on the FC Well Light



Turn off power to the transformer completely prior to disassembling the fixture. To remove the FC brass faceplate assembly, remove the six screws along the side of fixture by turning the screws counterclockwise using a Phillips screwdriver.



Remove the faceplate and lens assembly by lifting upward



Turn filters counter clockwise and pull up to remove



Depending on the size of the LED board, two or three Phillips head screws are required to be removed to access the LED board. Carefully remove these screws by turning each counter clockwise.



Remove the LED board using a small flat head screwdriver, gradually prying a section of the board and repeating this process around the perimeter of the board. Clear all debris or residual thermal pad material from the fixture base.



Remove the clear plastic backing from the new LED board. Insert the two metal pins into the small socket holes and gently press the board flush with the fixture base.

Realign the reflector correctly over the LED diodes and refasten the small Phillips screws. Replace the filters. Ensure the glass lens and seal assembly is concentrically aligned over the fixture. Align the six faceplate screw holes over the threaded holes in the main housing. Lightly fasten the six black screws in an alternating pattern, like a car tire. Firmly tighten all screws to ensure the LED board is completely sealed.

### 3. Changing the LED Board on the KG Well Light



Its always a good idea to change the LED boards with power to the transformer turned off completely. To remove the KG faceplate assembly, remove the two screws on each side of fixture by turning counterclockwise using a phillips screwdriver.



Remove the inner housing by sliding upward.



To remove the KG lens cover assembly, remove the six screws in front of fixture by turning



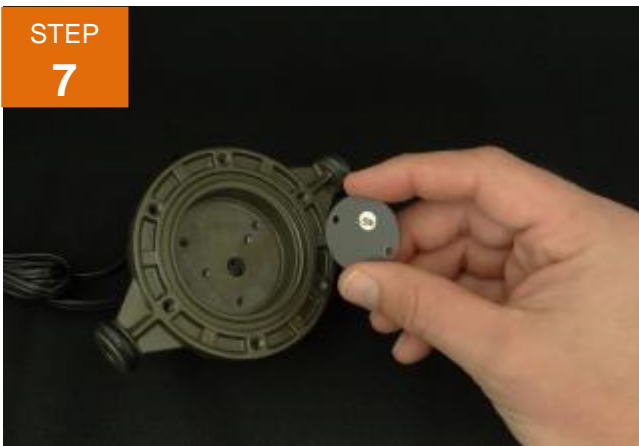
The filter can be removed easily by turning counter clockwise.



Depending on the size of the LED board, you will have two to three Phillips head screws that need to be removed to access the LED board below the reflector. Carefully remove these screws by turning each counter clockwise.



The LED board can now be removed. Using a small flat bladed screwdriver to pry outward gently on one side of the board taking into account the two pins on the bottom. Make sure the base of the fixture where the LED was removed from is clear of debris or residual thermal pad material.



Once the LED is successfully removed this procedure can be performed backwards to install the replacement board. Replacement boards will have to be the same size LED to fit properly. All new FX LED boards come with a clear plastic coating on the back of the thermal pad, this must be removed prior to install. Replace the board being very careful the pins are lined up appropriately.