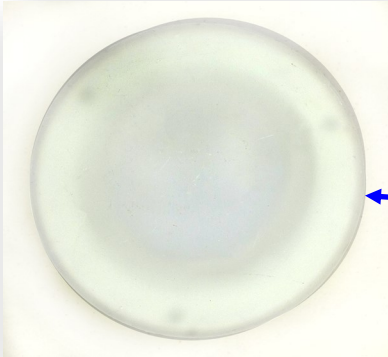


ITC-24 Installation Instructions

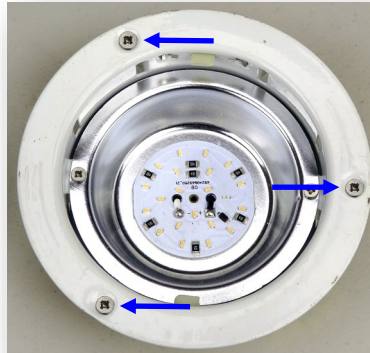
The following instructions will allow you to easily install your LED replacement kit for maximum enjoyment and efficiency. **PLEASE READ THE INSTRUCTIONS ALL THE WAY THROUGH BEFORE STARTING INSTALLATION!** You will need a small Phillips head screwdriver, diagonal wire cutters, and a little, but not too much elbow grease. If you take your time you will have some fun and feel a great sense of accomplishment. The first one you do will take about 10 minutes, and the next one will take 3-4 minutes. Remember, **READ ALL THE INSTRUCTIONS FIRST!** And take it step by step and you'll be fine. If you have any questions, please contact me at 513-899-9152 or email joe@cabinbright.com—Joe.

STEP 1



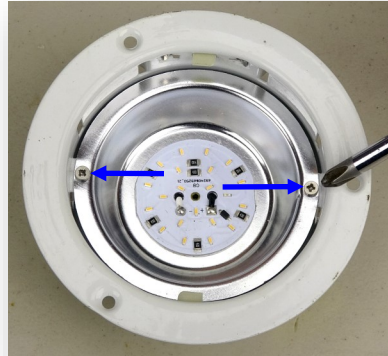
This is what your fixture looks like when it is in the ceiling. You need to remove it from the ceiling before we replace the failed LEDs. Remove the glass lens by gently rotating it counter-clockwise. The plastic lenses snap off by pulling straight down.

STEP 2



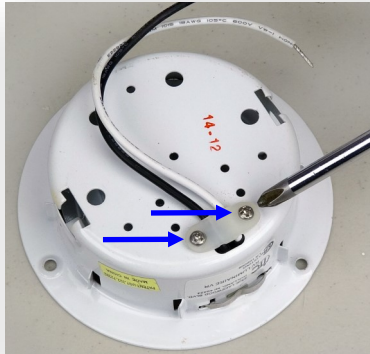
Remove these three screws with your Phillips head. Set aside. GENTLY pull the fixture straight down by using your fingernails to grab the edge of the fixture. It has spring clips holding it in, so be aggressive, but don't go crazy. You may have to gently rock it from side to side, pulling 1/3 of the fixture out at a time. Now, **CUT** the 2 wires that attach the fixture to the ceiling. The closer to the fixture, the better.

STEP 3

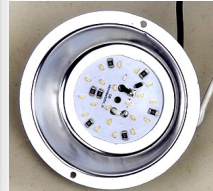


Remove the 2 screws that attach the aluminum LED cup to the stamped steel fixture. Set aside. This will allow you to access the wiring behind the cup/fixture.

STEP 4

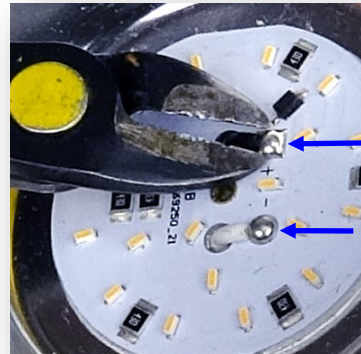


Turn the fixture over, locate the strain relief and remove the 2 screws. This will allow you to remove the aluminum LED cup so it is easy to install your new LED.

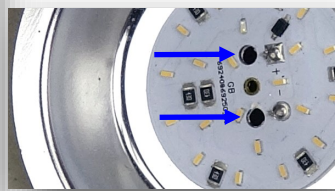


Cup removed from fixture.

STEP 5

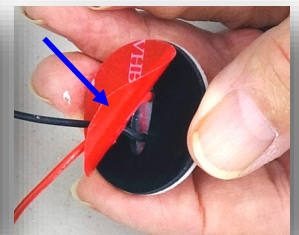
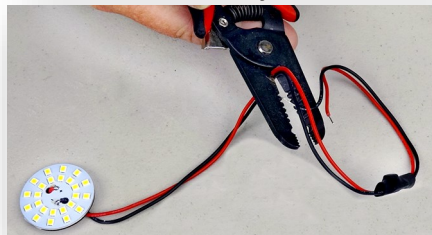


CUT the 2 wires that come from underneath the old LED. The old LED still attached to the aluminum cup will look like this with 2 holes ready for the new LED:

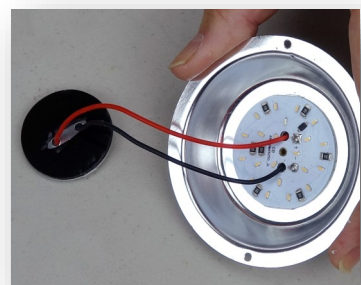


STEP 6

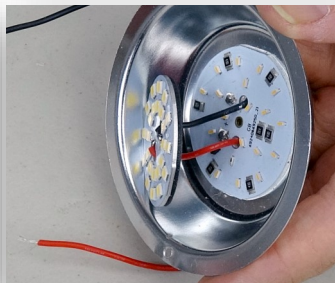
CUT the wire on the new LED toward the black shrink wrapped driver set. Be sure to leave enough wire on each side as we will reconnect these wires in a future step. Peel back the protective film on the 3M™ sticky.



STEP 7



Insert the 2 wires that come from the new LED through the holes where the old wires were.



Continue to work the wires through the holes until the new LED is ready to be pressed on to the old LED.

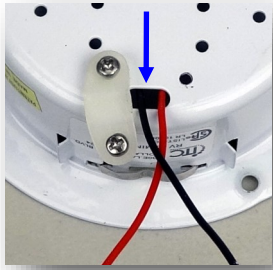
STEP 8



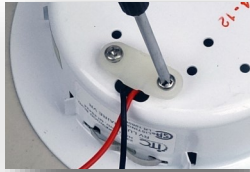
FIRMLY Press the new LED on to the old LED. Don't worry, the aluminum printed circuit board is sturdy enough to withstand the pressure. Make sure you press firmly around the LED to ensure complete contact with the old LED.

ITC-24 Installation Instructions continued on next page.

STEP 9



Turn fixture over and insert wires into the strain relief.



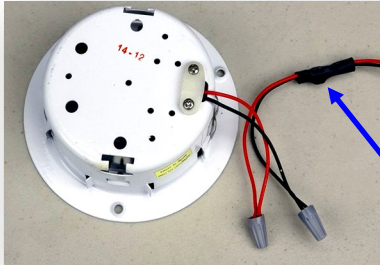
Finish attaching strain relief.

STEP 10



Using the 2 screws you saved from Step 3, screw the aluminum cup with the new LED back on to the fixture using a small Phillips head screwdriver.

STEP 11



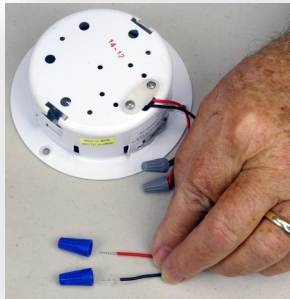
Use the 2 gray wire nuts included to reconnect the red wires and the black wires. It is **IMPORTANT** to maintain the correct continuity of the colored wires during this step. It is **VERY** important to have the black shrink wrapped driver in the circuit.

STEP 12



This is the completed fixture ready to reinstall in the ceiling.

STEP 13



Use the included 2 blue wire nuts to reconnect the fixture to the wires in the ceiling. Because at this point the polarity of the red and black wire do not matter. You may hook up either to either of the wires coming from the ceiling and the light will still work perfectly.

STEP 14



To reinsert the fixture back in the ceiling, gently push the fixture in the hole ensuring that the screw holes in the fixture line up with the 3 holes in the ceiling. Using the 3 screws you saved from Step 2 screw the fixture securely to the ceiling.

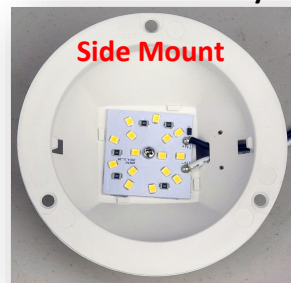
STEP 15



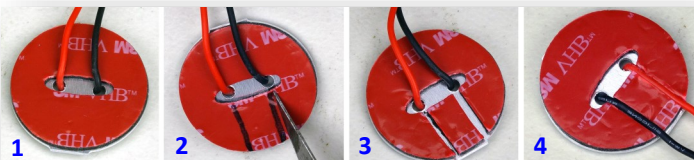
Line up the glass lens with the slots in the fixture so it is flush with the ceiling and gently rotate the lens counter-clockwise until the lens locks in place. The plastic lens snaps on. Congratulations, **YOU ARE FINISHED! GOOD JOB!** Now, turn on your light and enjoy a bright, flicker-free living environment.

Alternate Installations

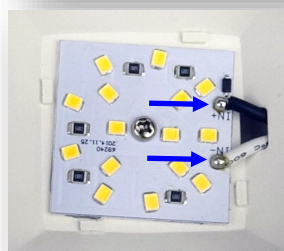
Some of these "one-piece" LED fixtures have the failing LED boards affixed in different ways. Here are two of the examples:



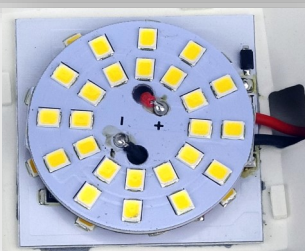
Alternate Installation LED Prep Steps



1. Turn the board over. 2. Mark 2 parallel lines equal to the spacing of the wires and cut with a sharp knife. 3. These are the channels you will use to lay the wires. It does not have to be perfect as the sticky will make up for any inconsistencies. 4. The wires are now flush with the top of the sticky ensuring perfect contact with the existing LED board.



For the side mounted version, cut these 2 wires.



Then mount the new LED according to the above instructions.



The BEST way!



For the clip mounted fixture you could remove the bulb and cut all the clips out of the fixture...OR just stick the new LED over the existing one and follow the instructions above for cutting and reconnecting the wires.