

# Installation and Operation Procedure for Spectra-Lighting System

Part Number: 3162-146



(Figure 1)

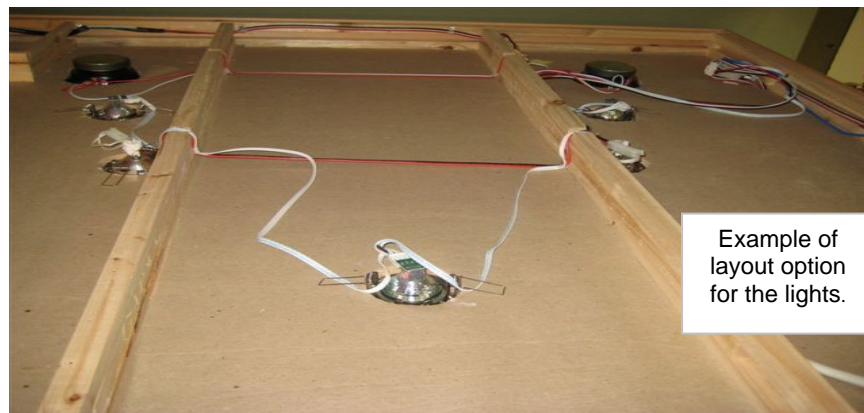
## Inventory of parts:

- A. Qty: 5, Part number: 3160-058 Light bulb 20 watt, 12volt.
- B. Qty: 5, Part number: 8038-71 Interior trim ring w/gasket and lens assembly.
- C. Qty: 5, Part number: 2311-265 Light connector harness.
- D. Qty: 1, Part number: Color therapy light harness.
- E. Qty: 1, Part Number: Exterior clear light harness.
- F. Qty: 1, Part Number: Interior clear light harness.
- G. Qty: 3, Part Number: 3160-51 Color therapy bulb.
- H. Qty: 3, Part Number: 8038-70 Exterior light trim ring.

Note: For use with these contactor boxes

Part Number: 9202-231 CB-PK-1 120V  
Part Number: 9202-232 CB-PK-1 240V  
Part Number: 9202-240 CB-PK-4 IS100 w/1.7kW Junior  
Part Number: 9202-241 CB-PK-4 IS100 w/2.2kW Junior  
Part Number: 9202-242 CB-PK-3 IS200 240V  
Part Number: 9202-243 CB-PK-3 IS300 240V  
Part Number: 9202-244 CB-PK-3 IS400 240V  
Part Number: 9202-246 CB-PK-3 IS600 240V

1. Turn the circuit breaker off for the sauna; this will ensure there is not power in the contactor box.
2. Locate the contactor box inside the sauna and remove the upper cover. Inside there are two light transformers, one for exterior and one for interior lights. There is also a plug on the circuit board for the color therapy harness.
3. Lay out the complete Spectra Light Kit on the ceiling with the harness provided before any holes are drilled; this will ensure the harness can reach to where the lights are mounted. Be sure that the harness will also reach the contactor box with enough slack to plug inside. It will be necessary to run the harness through the wall to the contactor box.



(Figure 2)

**Caution:** Do not install exterior lights on the inside of the sauna. Interior lights have a sealed lens on the housing for moisture protection.

**Hint:** Locating the interior clear lights slightly forward of the bench creates a nice feel.

4. When the desired location of the lights has been found, use drill with 2 3/4" hole saw to cut the openings in ceiling for the lights.

**Caution:** Be sure the foil is not in contact with the top of the color therapy bulb. It may be necessary to cut an opening in the foil to ensure it is not touching the bulb.

5. Assemble the bulbs into the housings. Install into the openings from the inside by compressing the spring tabs and inserting the housing through drilled hole.
6. Hook up all bulbs to the appropriate harnesses supplied.
7. Bring harness plugs into the contactor box and hook up to the correct location. There are two light transformers with labels on the harness; one for exterior and the other for interior lights.
8. The color therapy harness plugs into the circuit board on the 4 prong connector. (see figure 3)



(Figure 3)

9. Reinstall lid on the contactor box, and then turn the circuit breaker back on for the sauna.
10. Verify the operation of the interior, exterior and color therapy lights.

Note: If you push the button once for the color therapy lights, the operation will continue to scroll through all of the colors over and over. Or push the button until you achieve the desired color that you want, and at that point the color will remain constant. To turn the color therapy lights off, continue to push the button until they go out.

If you have any questions about installation or operation, please call (888) 780-4427 and ask for Technical Support.