

Installation and Operation Procedure for Spectra-Lighting System

Part Number: 3162-146



(Figure 1)

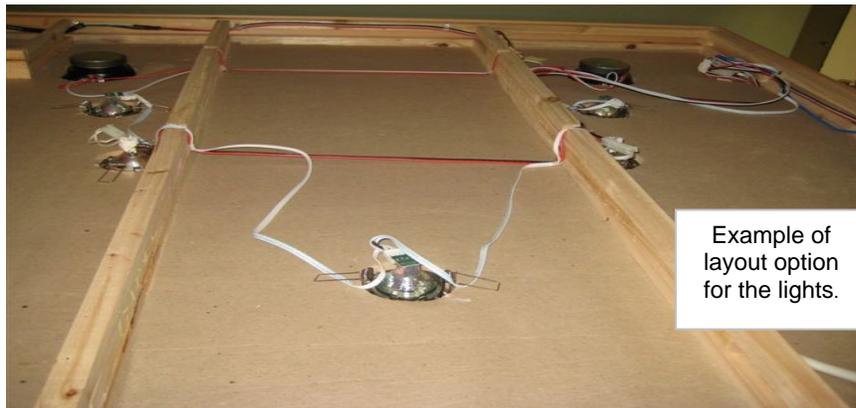
Inventory of parts:

- 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.

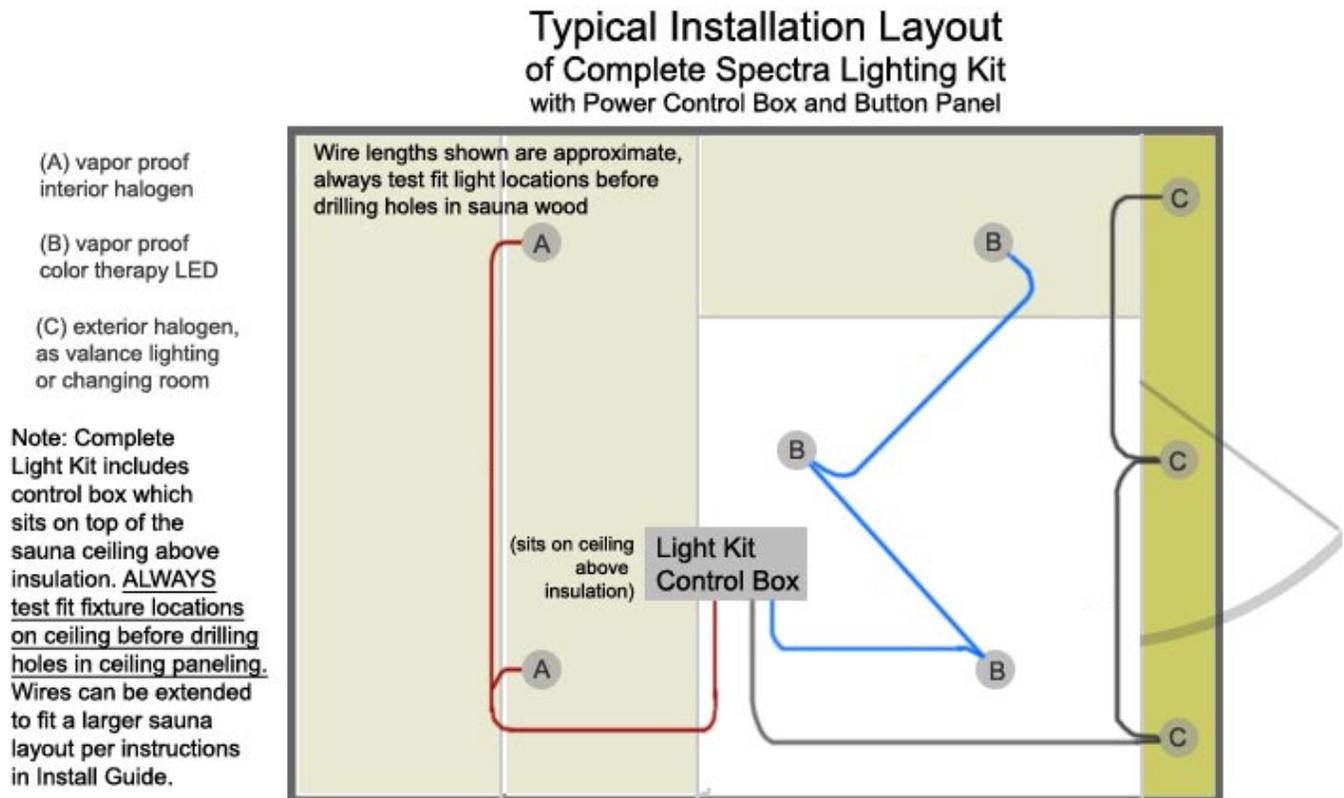
Note: If you push the button once for the color therapy lights, the operation will continue to scroll through all of the colors over and over. Or push the button until you achieve the desired color that you want, and at that point the color will remain constant. To turn the color therapy lights off,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

Continue for additional information about possible modifications or additions of light fixtures Questions? Please call your designer at Superior Sauna & Steam. 877-872-2806

Installation of Spectra Sauna Lighting System Part Number: 3162-146

Hint: Place the light fixtures with cables plugged in on sauna ceiling prior to mounting or drilling any holes. This will ensure the cables being long enough to reach the desired locations. Review this typical layout drawing for ideas.



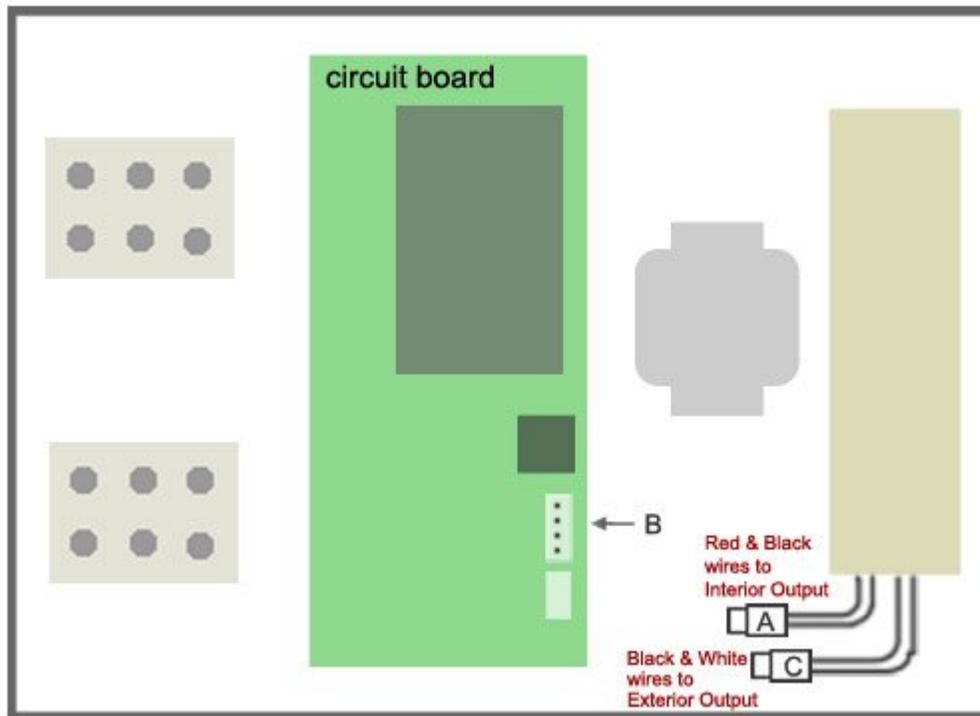
1. Disconnect fuse panel supply connection that powers the sauna heater. You will be accessing the contactor control box to plug in light wire harnesses.
2. Find the CB-PK control box that was installed with your SaunaLogic sauna heater. This is where the 3 wire harnesses will plug into. There will be 15 feet of cable from control box connector to the first light in each circuit, and 5 feet between fixtures.
3. Determine the locations of lights. Make sure the light cables will reach the desired light locations. Extend wire harnesses if needed to reach corners in large sauna, etc. See notes at end for details on extending wires.

Hint:

Locating the lights slightly forward of upper bench creates a nice feel.

4. Drill 2-3/4" sized holes in ceiling for all the room lights.
5. Install the appropriate lights in the corresponding holes. Lights labeled 'C' in picture must be mounted outside of the sauna room, as exterior valance lights or in changing room.
6. Connect the appropriate wire harnesses to the lights. Route cables into the CB-PK box through the rubber grommets on bottom of box. The 2 conductor cable 'D' (typically Red & Black) is for the interior halogen lights 'A'. The 4 conductor ribbon cable 'E' (typically Blue/White) is for the 3 interior color therapy lights 'B'. The 2 conductor cable 'F' (typically Black & White) is for the 3 exterior halogen lights 'C'.

Add-on Spectra Light Kit Diagram connector locations in SaunaLogic CB-PK control box



7. Turn on power and press the corresponding button on the control to turn on the appropriate light.

* **EXTENDING WIRING HARNESS:** The Spectra Light Kit wiring harnesses can be extended to fit your configuration. The halogen white lights are just a simple two conductor, 16awg wire that can be spliced in where ever needed. The color therapy is a little more challenging since it is a 4 conductor "ribbon" cable, here you can splice in standard 4 wire telephone cable. We recommend that any splices to be soldered and sealed with heat shrink tubing.