

# IG Railing™ LIGHT KIT INSTALLATION GUIDE & IMAGE REPRESENTATION

## IMPORTANT:

- This light kit has been designed to power ONLY 16 LED lights.
- **DO NOT** increase the power supply for this cable as overheating may occur.

## PREPARATION:

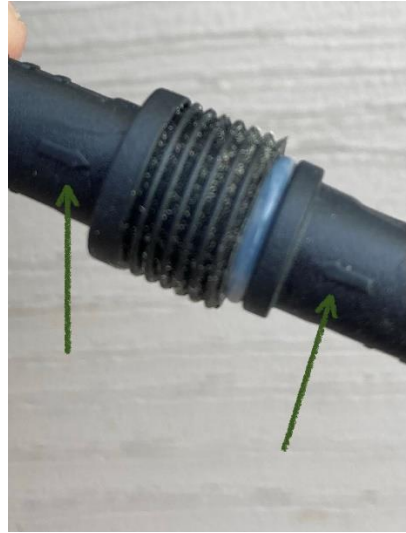
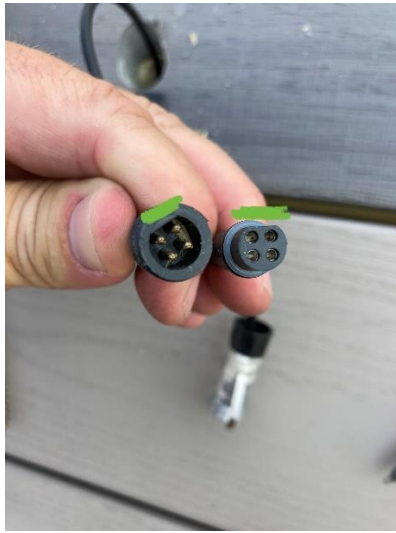
Your IG Railing Spigot location is CRITICAL, remembering that each junction in your light kit is maximum 59" apart. Should the distance between spigots be greater than 59", simply skip to next junction. Please ensure the holes for your electrical cabling have been pre-drilled prior to installing the IG Rail Spigot and Light Kit. All holes must be  $\frac{3}{8}$ " diameter.

## INSTALLATION INSTRUCTIONS

1. Unpack the IG Light Kit and lay out all contents. Please refer to **Image 1** that shows all components and their numbering.
2. Pick up the LED power supply (1) and RGB control box (2).
3. Connect the male 2 pin connection on the LED power supply (1) to the female 2-hole connection for the RGB control box (2). Find the flat spot on each connection, line up and push together. Once connection has been made, seal the joint by twisting the tightening cap. Ensure this is tight as it also keeps the connection waterproof.
4. Unwind main cable (3) and undo all twists.
5. Find the female end of the main cable (3) with 4 holes and connect to the 4-pin connection on the RGB control box (2). Find the flat spot on each connection, line up and push together. Once connection is made, again seal the joint by twisting the tightening cap.
6. Pick up the small extension leads (4), there should be 16 of these.
7. Once you have determined how many lights will be required, connect that number of extension leads (4) to the main cable (3) - one extension lead per junction. Connect the male 4-pin junction to the female 4-hole extension lead (4), again line up the flat spots when making connection, twist and seal the connection with the tightening cap.
8. Any junction that does not require an extension lead, **MUST BE SEALED** by using the spare twist caps provided (7). Your main cable is now ready to use.
9. Remove the RGB control touch pad from its wrapper (5), then remove the plastic shim located at the bottom of the touch pad. This will make a positive connection between pad and battery. Your touch control is now ready to use.
10. Run main cable (3) under your deck, loosely clipping the cable to the sub structure of the deck. **Only** use cable clips to attach cable to the structure, ensuring cable is not crushed or pinched when installing.
11. Once your main cable (3) is connected to your sub structure, feed the end of the extension lead (4) through the  $\frac{3}{8}$ " hole you have already pre- drilled in your preparation. These holes should be located directly below the centre of each spigot.
12. Feed the end of your extension lead (4) from underneath your deck, through the predrilled hole and up through the base of the spigot. Your main lead and extension lead are now in place.
13. Install 4 lag bolts, minimum  $\frac{3}{8}$ " x 5" long into the spigot holes ensuring the set screws are facing in to your deck area.
14. Remove the LED lights (6) from their individual bags.
15. Connect the end of each LED light (6) to the end of each extension lead (4) that is protruding out of the top of the IG Rail Spigot. Again, match the flat spots on each connection and twist the cap on tightly, sealing the connection. Repeat this for every light connection. Any lights that have not been used kept as spare.
16. Now you are ready to test the Light Kit, to ensure all connections are working correctly.
17. Plug the LED power supply (1) into a power source and turn on the power.
18. Using the RGB touch pad (5), press each button ensuring everything works correctly. Should a light be a different colour, this means you have connected either the LED light (6) or extension lead (4) incorrectly. Simply, disconnect and reconnect correctly.
19. Once all the lights are working correctly, feed the remaining extension lead (4) and LED light cable back through the hole in the Spigot. The light should sit flush on the spigot base. Repeat this for every light.
20. Now you are ready to install your **Low iron** glass panels.

**IMAGE 1: IG Railing LIGHT KIT CONTENTS WITH COMPONENT NUMBERING**





See more at: <https://www.youtube.com/watch?v=G-MfgYEgvLE>