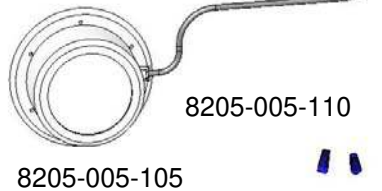


LED WATERFRONT PROPERTY LIGHT
Model QL-WPL-K
INSTALLATION MANUAL
www.BarnegatLt.com

Barnegat Light Marine Products
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QL-WPL-K Waterfront Property Light Installation Instructions

8205-010-110

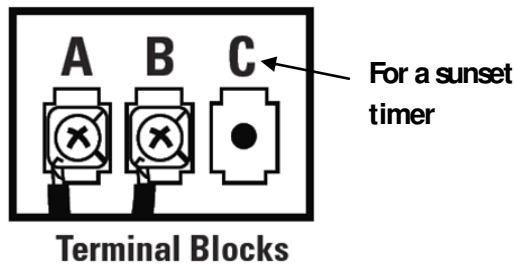


8205-005-105

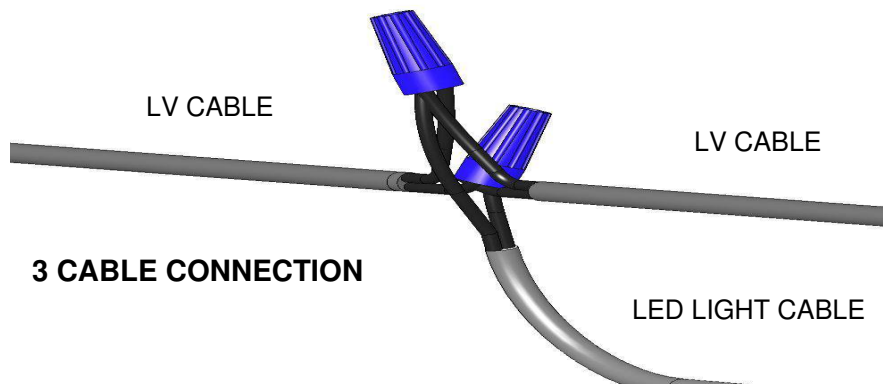


<u>PART NUMBER</u>	<u>PART</u>	<u>QUANTITY</u>
8205-010-110	POWER PACK	1
8205-005-105	WATERFRONT LED LIGHT	2
8205-005-110	WIRE NUTS	4
8205-005-110	100' LV CABLE	1

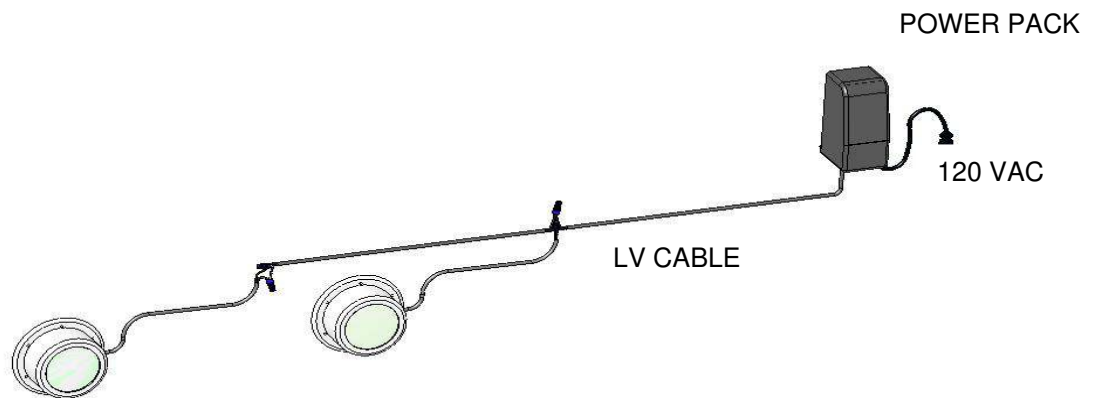
1. Mount the underwater light fixtures to the desired location. Light fixtures can be mounted on a sea wall, piling, bulkhead, etc. either underwater or above water as desired. Run the light cables up to dry land or onto a bulkhead or piling. Secure the cables.
2. Mount the power-pack assembly vertically at least 1 foot above the ground. Be sure the cord from the power-pack can be plugged directly into a 120VAC GFI protected receptacle. Do not use an extension cord. Refer to the instructions supplied with your power-pack for more specific installation information.
3. Determine the length of low-voltage cable needed to run from the power-pack to the first LED light cable. Cut a length from the supplied low-voltage cable.
4. For the low-voltage cable connections, split one end of the cable approximately 2" and strip ½" of the insulation off each conductor on both ends.
5. Connect the power-pack end conductors of the low voltage cable to the power-pack using the instructions supplied with the power-pack.



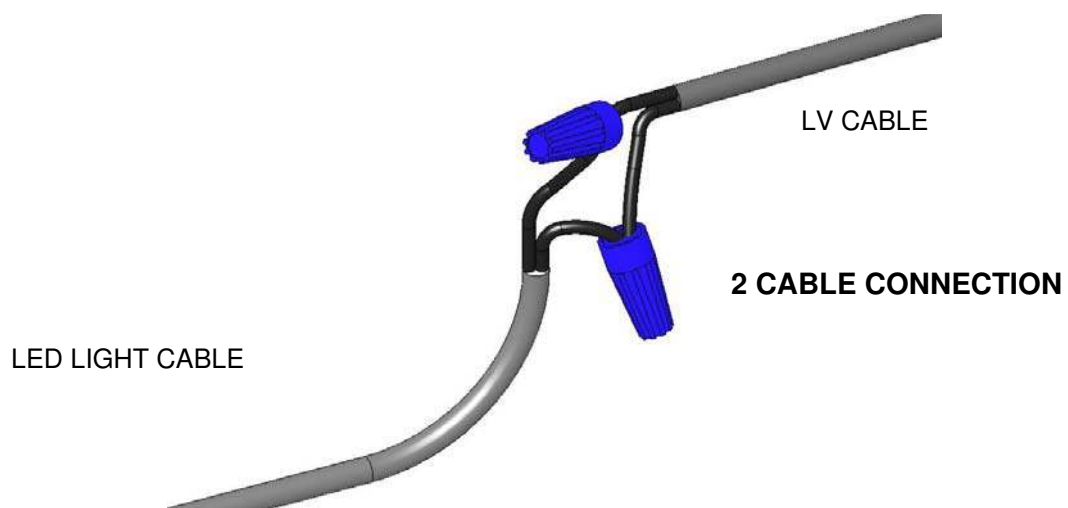
6. Determine the length of low voltage cable needed to run from the first to the second LED light cable. Cut a length from the remainder of supplied low-voltage cable.
7. Prepare the cable ends as instructed in Step 4.
8. Splice together the three appropriate conductors at the first underwater light cable end using the supplied silicon wire nuts. Repeat for the other three conductors. Note: The lights are not polarity sensitive.



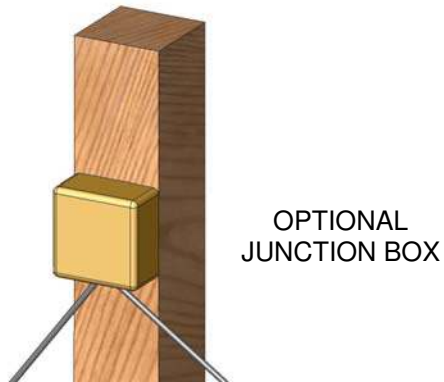
9. If additional (optional) LED lights are being installed, (maximum of 6 lights per power-pack) repeat steps 6 – 8 for the additional lights.



10. Upon reaching the final light, use the process described in Step 8 – only splicing two cables together instead of three.



11. Hide the low voltage cable as desired. One method is spreading the soil using a flat blade shovel and pushing the cable and connections under the surface. Junction boxes can be used to keep connections above flooded areas. (Optional)



12. The underwater lights are now ready for use.

Optional Light kits and Optional junction boxes.

<u>PART NUMBER</u>	<u>PART</u>	<u>QUANTITY</u>
QL-WPL	1 UNDERWATER LIGHT WITH 2 WIRE NUTS	1
8205-015-105	JUNCTION BOX	1