ITC MANUFACTURERS' SELECT®

SHOUL™ DOCK LIGHTING SYSTEM

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Scan QR code for product information and to view the installation video

SHOUL™ DOCK LIGHTING SYSTEM

PART # 69687-KIT-RGBW

This user-friendly system features high-quality underwater lights designed to provide exceptional RGBW lighting for your dock or seawall. With easy smart phone, in-app control and endless color selection options, you can easily power on your lighting, change colors and effects, and adjust brightness.

VERSATILITY

This kit contains four SHOUL lights each with 25' cords and three convenient mounting styles, which can be enhanced with the additional purchase of our 10' or 20' extension cords for a maximum 55' from the power box to a light. SHOUL lights are easily adaptable for several configurations, from a straight seawall to a long, two-sided dock.

USER-FRIENDLY CONTROL

Our convenient ITC VersiContol® App is available on the App or Google Play store. Effortlessly control the color, effects, timer, and more (see page 19).

SAFETY FEATURES

Engineered for outdoor locations, SHOUL lights must be fully submerged in fresh or saltwater for safe operation and to keep the LEDs at peak performance. With high-quality white LEDs for Quick-White safety, the lights are easy to control in case of an emergency. The durable power box is waterproof, but cannot be fully submerged underwater, nor the cords connection points. The system operates at voltages: 100VAC-120VAC 50/60 Hz

PACKAGE CONTENTS

Underwater Lights with 25' Cords
QTY 4

Mounting Clips
does not include screws
QTY 8

Control/Power Box
QTY 1

Attachment Straps, 72" each
QTY 5

Small Cable Ties
QTY 15

Extension Cords (purchased separately at ITCSHOPNOW.com)

These waterproof cords are for outdoor use only in ambient temperatures below 50°C/122°F

69687-KIT-EXT10
10' Extension

69687-KIT-EXT20
20' Extension

WARNINGS

- Product must be installed in accordance with the installation requirements
- For your safety, read and understand all instructions before starting installation
- NEVER open Power Box while plugged in to avoid a RISK OF ELECTRIC SHOCK
- Use an experienced electrician as needed for install or service
- To avoid malfunction, lights must be fully submerged in fresh or saltwater while turned on
- Always use caution as lights will become very hot when outside of water. Keep light fixtures submerged for cooling
- Retain this manual for future reference
- To avoid hazards to children or marine life, account for all parts and dispose all of packing materials properly

POWER BOX

- DO NOT submerge or use in water
- All cable connections must be located outside the body of water and waves
- Take careful consideration of tidal shift if connections are completed under docks or near waterline
- Power cord must be connected to AC power using a circuit protected by a ground fault circuit interrupter with cover (GFCI)

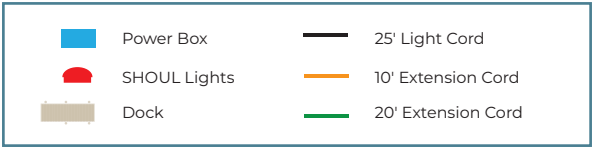
LIGHTS

- Lights require full submersion in fresh or saltwater as water acts as a cooling source to keep the LEDs at peak performance
- Locate at maximum depth of 8'

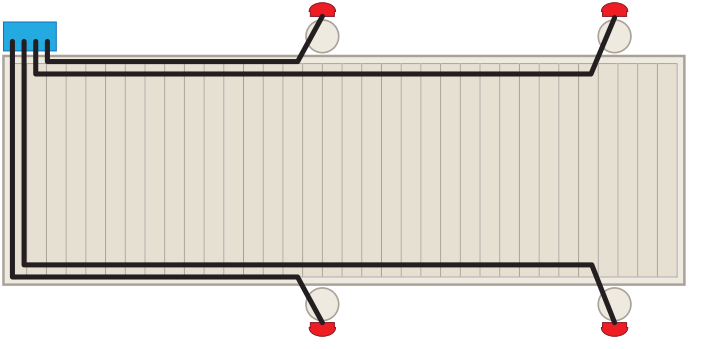
NOTE: All statements, technical information, and recommendations contained herein are based on research and tests conducted under typical intended use and are not considered all inclusive.

CONFIGURATION CONSIDERATIONS

- Measure and dry fit before beginning installation
- Be sure cord drop for lights places lights underwater at all times
- Additional extension cords may be needed: only use ITC SHOUL Light extensions
- Depending on your configuration there may be extra cord on the light. Be sure to carefully secure in an area away from swimmers and boat traffic and in a manner not to entangle wildlife

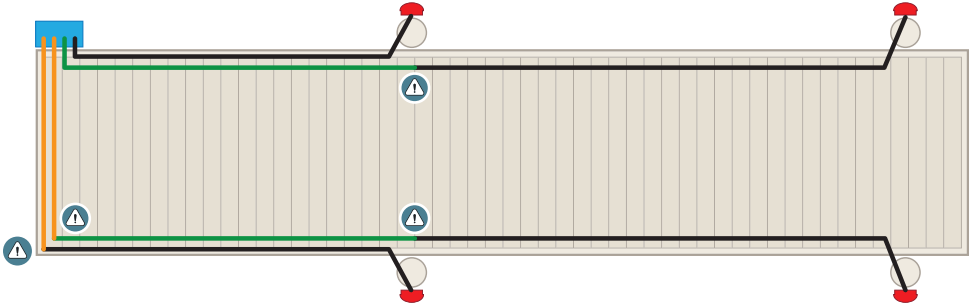


SHORT DOCK



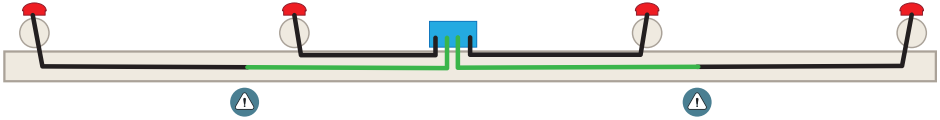
LONG DOCK

35' - 55' Max.



SEA WALL OR ONE-SIDED DOCK

70' - 110' Max.

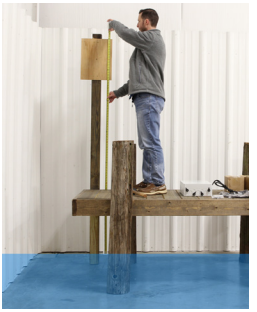


WARNING: DO NOT SUBMERGE CONNECTION POINTS!

POWER BOX INSTALLATION

- The Power Box is suitable for installation in wet locations—it is not intended to be submerged or exposed to repeated direct wave action. Must use GFIC outlet
- 10' and 20' extensions may be purchased from ITC to extend the power cord from 25' to a max of 55' — extensions include waterproof (but not submersible) connections that must be located outside the body of water
- Structure must support 20 lbs and be above water and direct waves by at least 3'
- Test fit position of lights to ensure light power cord reaches the Power Box without tension

WARNING: DO NOT ENERGIZE THE POWER BOX UNTIL INSTALLATION OF THE ENTIRE SYSTEM IS COMPLETE.

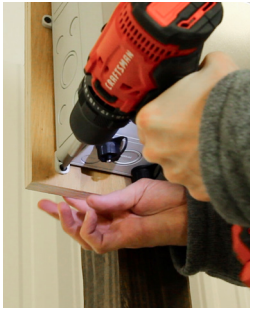


1. Determine mounting location within 5.5' from a GFCI outlet and at least 3' above water line. Ensure all light fixture cords reach the Power Box connectors without abrasion from vessels, swimmers, or other moving components.

2. On back of Power Box, insert the mounting clips with the expandable end into the six receptacle holes (4 corners and each side) keeping the thin peg pointing up. Carefully tap the peg with a hammer to fully insert into the clip and secure clip to the box.

Note: the top two clips should have the screw slot at the top, the side clips should be directed out, and the bottom clips with the slots positioned down.

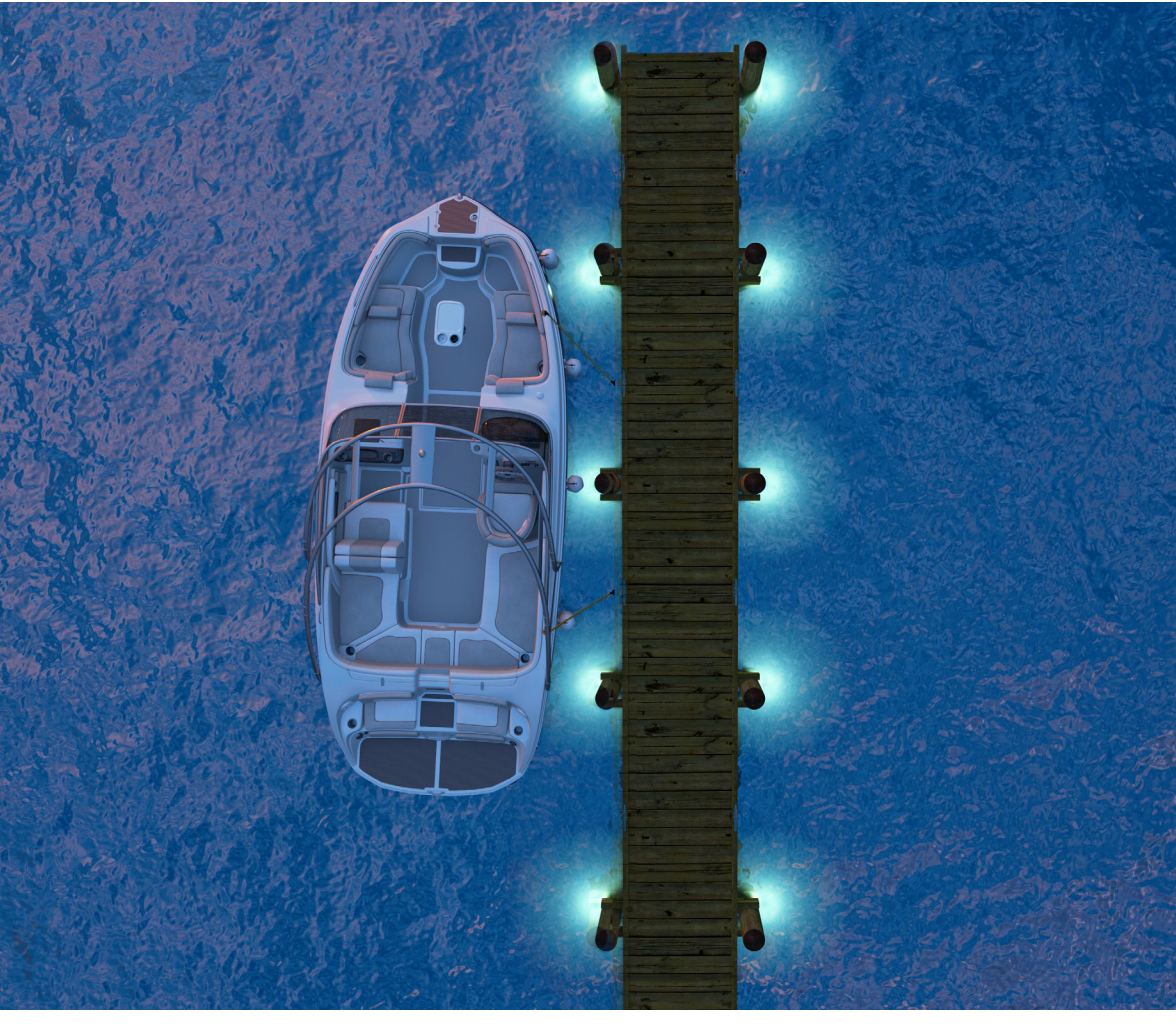
3. Position the Power Box with the 4 output access receptacles on the bottom to avoid excessive water exposure.



4. Using screws that are appropriate for your application and fit into the mounting clip slots without cracking or breaking, screw each mounting clip into a solid support material. Please ensure your mounting location and screws can support the weight of the box (approximately 20 pounds).

UNDERWATER LIGHT INSTALLATION GUIDELINES

- Clean pilings to create an even, stable base for light installation
- 72" plastic attachment straps are designed to wrap around up to an 18" square or 21" diameter piling
- For tidal locations, perform the installation close to low-tide to ensure light is fully submerged for operation
- Before installing lights, check that the light power cord is secure at the Power Box and won't interfere or tangle in any boat or vessel using dock
- Determine the mounting location of the SHOUL lights to ensure they will be submerged at all times, while the connection at the Power Box is not submerged
- If using the optional extension cord, be sure the connection points are not submerged or in constant contact with water



LIGHT FIXTURE CONNECTION TO POWER BOX

- DO NOT OPEN BOX: All light cords are prewired to easily attach to the Power Box from the outside
- DO NOT CONNECT THE POWER BOX to electricity until all install steps are complete
- Must be used with a suitable outdoor rated Ground Fault Circuit Interrupter (GFCI) receptacle/outlet: GFCI with protective outlet cover is recommended
- Provide AC electrical service to the GFCI according to the local electrical codes for your specific application

POWER BOX

After installation of Power Box, attach light fixture cords to the Power Box using the connection receptacles on the bottom of the box.

1. Remove protective caps from the 4 receptacles by turning the cap until it releases.

2. Align the inner prongs of the light fixture cord connectors with the inner receptacle on the Power Box. If orientation is correct, the prongs will slide in freely when inserted. The blue nut on the prongs will snap to seal when correctly seated. Do not force fit prongs.

3. Check for secure connection by pulling on the cord with reasonable force.

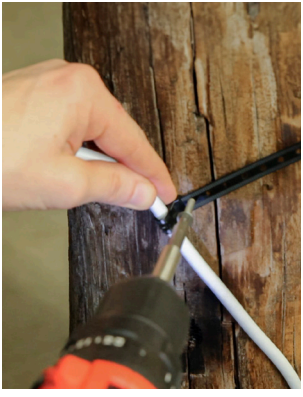
4. Continue to connect the remaining 3 light fixture cords to the Power Box receptacles. Make sure prongs slide in freely when inserted to ensure proper terminal connections.

ATTACHMENT OPTION 1: PLASTIC ATTACHMENT STRAPS

1. Slide plastic attachment straps through the slot in the back of the light housing. Position housing with power cord pointed up.

2. Wrap the strap around the pier/piling and place light fixture at least 6-12" below the water line at the typical low tide for your area.

3. Using pliers, tighten the plastic strap to ensure fixture is secure. Cut off excess strap material and dispose of properly.



4. Route the power cord and secure to the pier/piling using the provided cable ties and screws (not included). Reinforce cable ties with additional screws as needed.

5. Carefully secure excess cord away from high-traffic areas (i.e. swimmers, boats, and wildlife). DO NOT cut, shorten, or pinch cord.

6. When all connections are secure, locate the AC cord/plug on the side of the Power Box and plug into AC power service at the GFCI outlet.

ATTACHMENT OPTION 2: LAG BOLTS OR SCREWS

NOT PROVIDED

1. Hold the light approximately 6-12" below water line at a typical low tide for your area.

2. Drill pilot holes into the piling for the appropriate size of the screws (not included).

3. Affix lamp with corrosion-resistant lag bolts or screws though provided holes in the back lamp housing.

4. Route the power cord and secure to the pier/piling using the provided cable ties. Reinforce cable ties with additional screws as needed (screws not included).

5. Carefully secure excess cord away from high-traffic areas (i.e. swimmers, boats, and wildlife). DO NOT cut, shorten, or pinch cord.

6. When all connections are secure, locate the AC cord/plug on the side of the Power Box and plug into AC power service at the GFCI outlet.

ATTACHMENT OPTION 3: PVC PIPE

NOT PROVIDED

SHOUL Dock Lighting System is designed to allow for mounting with 1-1/4" standard PCV Pipe (pipe not included).

1. Route power cord to Power Box, securing to dock as needed. DO NOT cut, shorten, or pinch the cord.GO TO PAGE 15 TO VIEW LIGHT FIXTURE CONNECTION TO POWER BOX.

2. Remove the rubber protective cover from lamp cord exit area (discard or save for alternative install options).

3. Measure and dry fit pipe to lamp's desired position, keeping lights approximately 6-12" below water line at a typical low tide for your area.

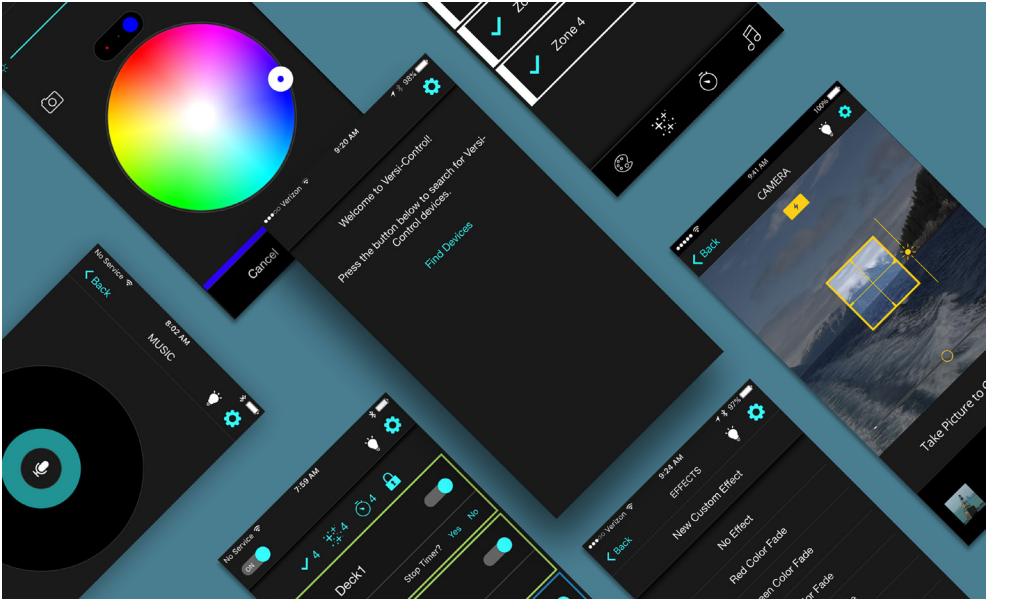
4. Feed lamp cord through pipe and affix pipe to lamp housing with PVC glue.

5. Affix pipe as needed to pilings, dock, or seawall with appropriate fasteners (not included).

VERSICONTROL® APP QUICK START GUIDE

GETTING STARTED

Search “ITC VersiControl” in the App Store or Google Play Store and click install. Turn on the Bluetooth on your phone and open the app: it should automatically connect to the controller. All operational directions are on the app.



NOTE: The Bluetooth controller is located inside the Power Box. If you’re struggling to connect, hold the phone near the box until the signal is received. DO NOT OPEN POWER BOX.

EXPLORE OUR RESOURCES

VIEW ALL SHOUL™ DOCK LIGHTING PRODUCT DETAILS & INSTALL INSTRUCTIONS

Located on our website: itcshopnow.com/products/shoul-dock-lighting-system

DOWNLOAD THE VERSICONTROL® APP

Search: ITC VersiControl

Download on the App Store

GET IT ON Google Play

VERSICONTROL® APP: HOW TO USE & FREQUENTLY ASKED QUESTIONS

Located in the App's settings and here: itc-us.com/versicontrol-help-support

VERSICONTROL® SUPPORT CONTACT FORM

Can't find an answer? Send us your question: itc-us.com/versicontrol-help-support

MAINTENANCE

Recommended to visually check for signs of undue heating (cord or component discoloration, damaged parts) or leakage (water or corrosion in interior of lights) at least once per year.

LENS CARE

For best results, the light's lens should be kept clean and free of marine growth to ensure continued lighting performance. To clean:

- Brush the lens with a stiff plastic bristled brush
- Do not use a scraper
- No abrasive, strong alkaline or acid cleaners (damage may result)

WARNING: NEVER OPEN POWER BOX WHILE PLUGGED INTO AC POWER. ALWAYS DISCONNECT POWER BEFORE SERVICING OR CONDUCTING MAINTENACE TO AVOID RISK OF ELETRICAL SHOCK.

WARRANTY

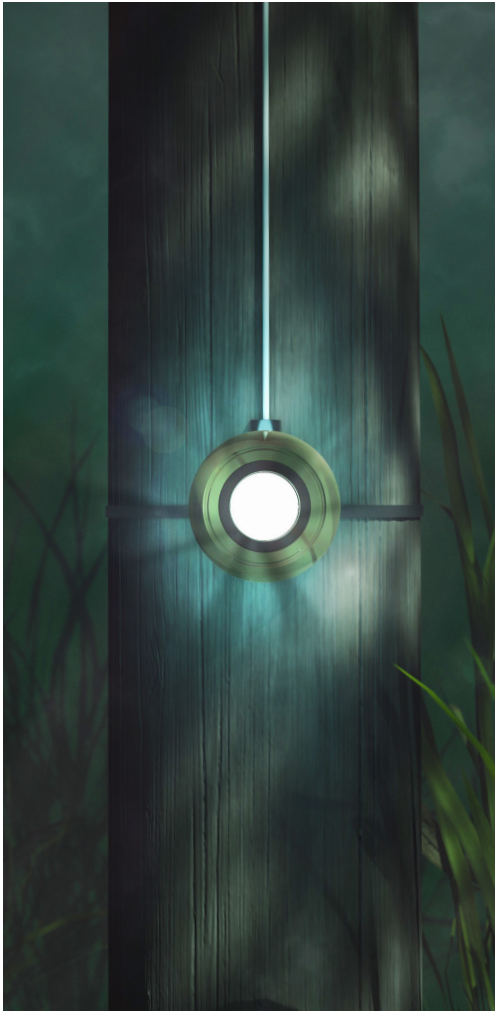
ITC underwater lights are designed to provide years of reliable performance. However, should the need for replacement parts arise, they are available through ITC.

CONTACT US

Email us at support@itcshopnow.com or give us a call at 616.330.4497 or 616.396.1355 for consumer support.

For warranty information please visit: itcshopnow.com/pages/support

NOTE: PLEASE KEEP THIS BOOKLET FOR FUTURE REFERENCE.



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