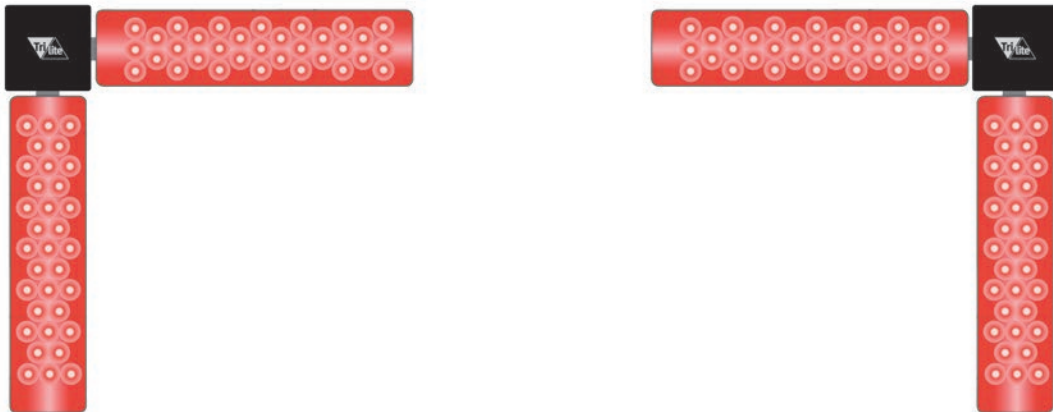


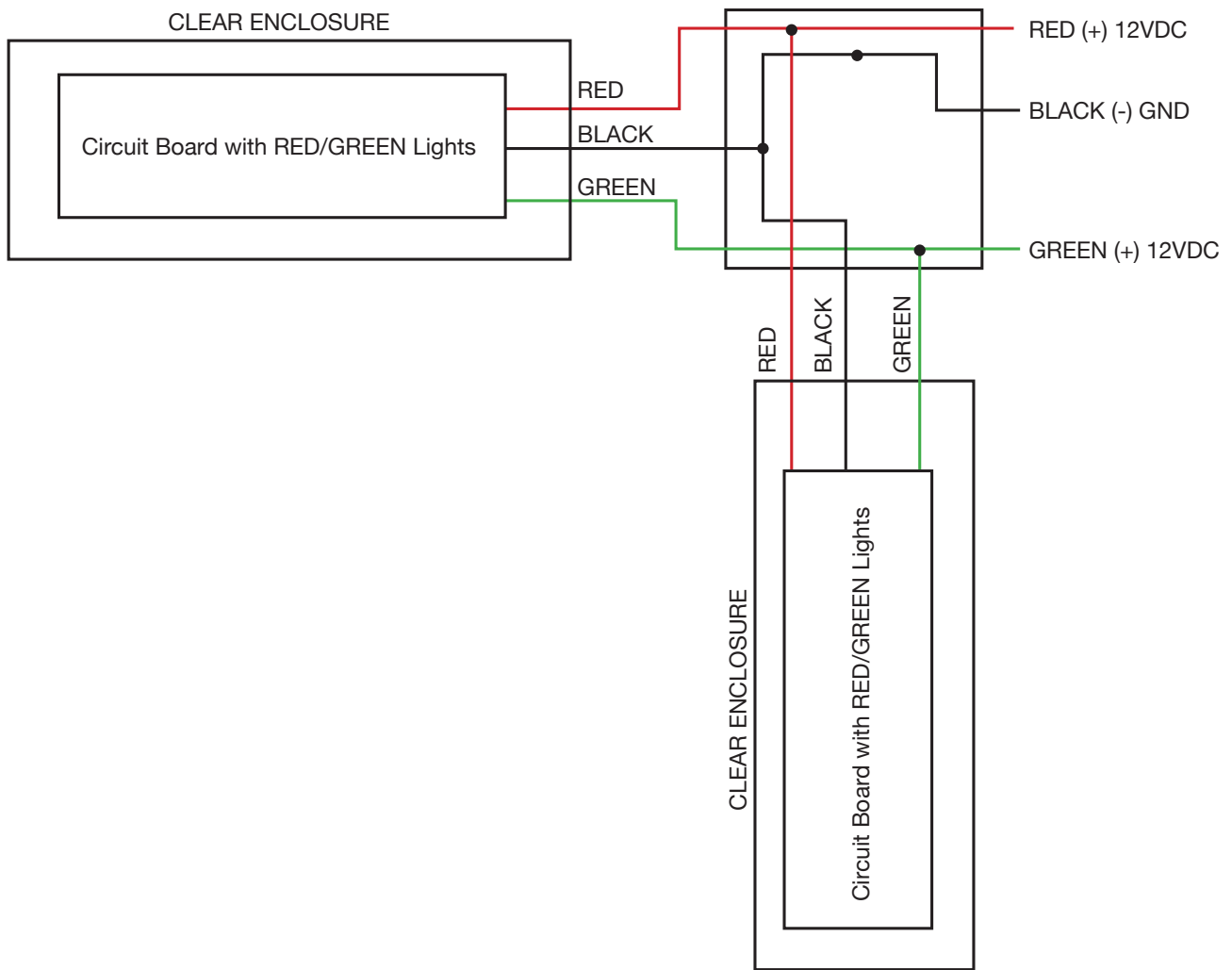


TopDok™

INSTALLATION INSTRUCTIONS for MODEL SGLC-12RG LED COMMUNICATION LIGHTS



WIRING DIAGRAM for MODEL SGLC-12RG



INSTALLATION INSTRUCTIONS

for MODEL SGLC-12RG

IMPORTANT SAFETY INFORMATION

IMPORTANT: Read and understand the contents of these installation instructions prior to installing or operating the equipment. Keep installation instructions for future reference. Visit www.triliteinc.com for updates.

WARNING! MODEL SGLC-12RG is a communication signal designed to alert personnel about the in-use status of a loading dock. The owner/user should recognize the inherent dangers of the interface between the loading dock and the transport vehicle. Proper procedural training and instruction is necessary for safe operation and use of all loading dock equipment in accordance with manufacturer's recommendations and industry standards. Effective operator training should focus on owner/user company policies, operating conditions, and the manufacturer's specific instructions provided with all loading dock devices.

CAUTION! The individual user should determine prior to use whether this device is suitable, adequate, or safe for the use intended. Since individual applications are subject to great variation, the manufacturer makes no representation or warranty as to the fit or suitability of these devices for any specific application.

CAUTION! It is recommended that a qualified electrician perform the electrical installation. Applicable OSHA regulations, state, and local electrical codes may supersede these instructions.

CAUTION! Ensure that the power supply matches the voltage rating of the light to prevent damage to SGLC-12RG.

CAUTION! 12 volt units with LED lamps require careful control of the DC input voltages if generated from AC power sources. Input voltage must not exceed 13.5V.

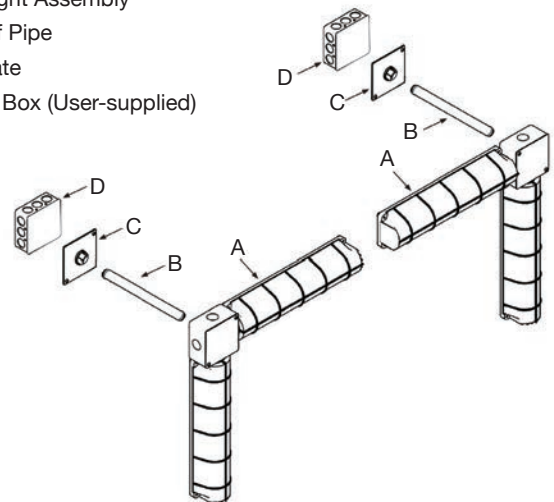
INTRODUCTION

TopDok™ communication lights are designed for use on a loading dock with vehicle restraint controls.

SGLC-12RG (fig. 1) consists of a set of two corner light assemblies (fig. 1, A). Each assembly is composed of two individual LED light units that connect to form a corner. When installed correctly, the light assemblies will clear a dock door header and track by connecting to a 10-inch stand-off pipe (fig. 1, B). The stand-off pipes corner light assemblies mount to the dock wall with two fitted cover plates (fig. 1, C) and two user-supplied electrical boxes (fig. 1, D). The boxes protect electrical cables, and support the light assemblies and stand-off pipes. **ELECTRICAL BOXES ARE NOT INCLUDED.**

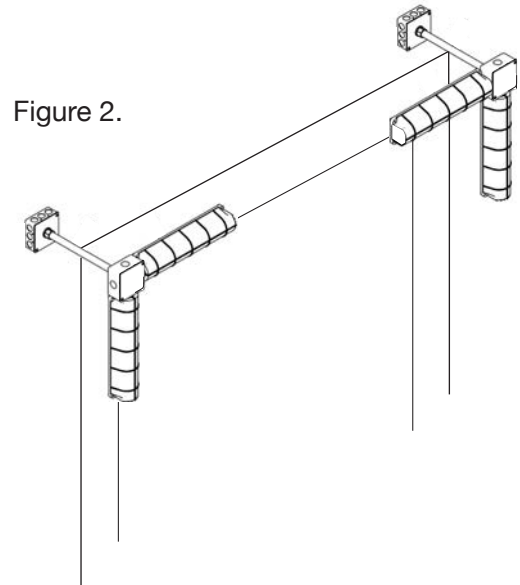
Figure 1.

- A. Corner Light Assembly
- B. Stand-Off Pipe
- C. Cover Plate
- D. Electrical Box (User-supplied)

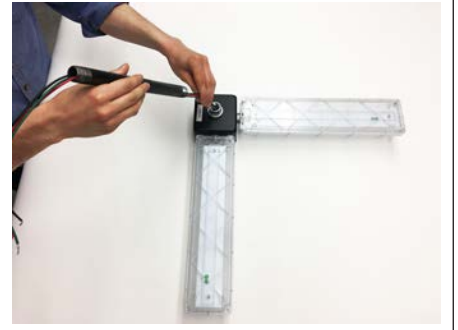


INSTALLATION INSTRUCTIONS

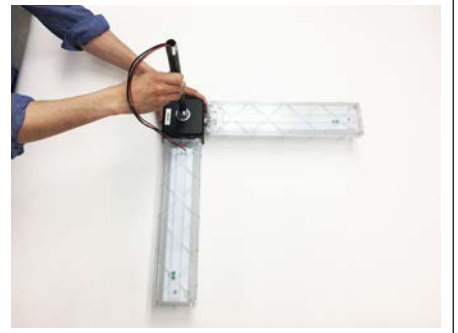
STEP 1: Visually inspect the wall to verify SGLC-12RG's acceptability for mounting. Choose a location for each corner light assembly that is visible to approaching lift-trucks and dock personnel. It is advisable to position the light units on the interior wall at each upper corner, above the door header and outside of the door track. See example in Figure 2.



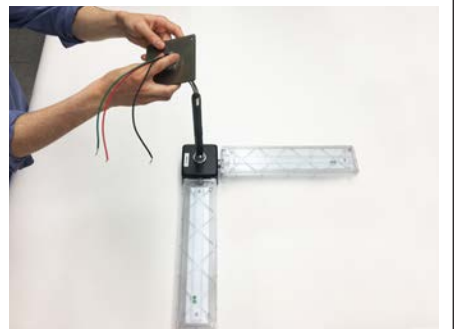
STEP 2: Feed wire leads from the back of the corner light unit through the stand-off pipe.



STEP 3: Without pinching the wire leads, screw the stand-off pipe securely into the threaded fittings on the back of the light unit.



STEP 4: With the cover plate in hand, feed the wire leads coming out of the stand-off pipe through the threaded fitting on the plate.



STEP 5: Without pinching the wire leads, screw the cover plate onto the stand-off pipe until securely attached. Adjust the plate until it is square with the corner light junction, and tighten sufficiently so that the unit will not rotate when mounted.

Tip: Line up holes on the wall mounted electrical box with the screw holes on cover plate for quicker installation.



STEP 6: Repeat steps 2-5 to assemble the remaining corner light unit.

IMPORTANT: Use two drawn-steel electrical box rather than the welded type. Welded electrical boxes may not support the weight of the SGLC-12RG.



Drawn



Welded



CAUTION! It is recommended that installation Steps 7-11 be performed using a sturdy elevated platform with the height adjusted so the installer does not have to over-reach when mounting light assemblies.

STEP 7: Mount each user-supplied 4" electrical box to the wall at the desired location above the dock door opening. Use appropriate fasteners to mount the electrical box securely to the wall. Each electrical box will bear the entire weight of each corresponding corner light assembly.



STEP 8: Remove the cover screws from each wall mounted electrical box and save. These will be needed for later use.



STEP 9: Orient light assembly so the product label is right-side up when installed in the door opening. Carefully raise unit up to the wall mounted electrical box. Make the appropriate wire connections between the field wiring in the electrical box and the wire leads from the corner light unit.

Tip: Have an electrical box screw on the tip of your drill or screwdriver to make the next step easier.



STEP 10: Raise the corner light unit to the electrical box. Make sure the wire leads fit securely into the electrical box. The wire leads should not be pinched by the cover plate.



STEP 11: While holding the corner light assembly in position, use the saved screws from Step 8 to secure the cover plate to the electrical box.



STEP 12: Repeat steps 9-11 to install the remaining corner light unit.

STEP 13: Wire each electrical box to the vehicle restraint control panel in accordance with the intended signaling requirements and local electrical codes.

STEP 14: Test the units to ensure proper operation. TopDok's™ communication light colors should be in agreement with the other interior loading dock light signal colors: green indicates “go” / red indicates “no go”.

LIMITED WARRANTY

This Tri Lite product may incorporate an LED bulb, warranted to be free from defects in materials and/or workmanship for (5) five years from the date of delivery to Purchaser. The Limited Warranty does not apply to severe applications.

All other components within the unit are under warranty for (1) year. If it appears, within the warranty period from date of delivery to Purchaser that any products or component parts do not conform exactly to the operations, specifications and physical dimensions referred to above, then the Purchaser, at its expense, can return the product or component parts to the Seller together with a report of defects. The Seller shall review the Purchaser's report and inspect the items and shall authorize, at its option, either the repair or replacement of any non-conforming products or component parts. Product abuses or modifications by the Purchaser nullify all liability of the Seller.

Seller shall not be liable for any injury, loss or damage, direct or consequential arising out of the use or the ability to use the product. This warranty gives specific legal rights. You may have other rights, which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so that the above limitation of exclusion may not apply to you.