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Lionel
#395 Floodlight Tower
Owner's Manual

Congratulations on your purchase of the Lionel #395 Floodlight Tower! This classic accessory is ready to light up your layout with its four adjustable lamps.

Caution! Do not touch the lamps or the lamp housings during operation. These components reach high temperatures.

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Wiring your Floodlight Tower

You may choose to wire your #395 Floodlight Tower to the accessory terminals on your transformer, a separate accessory power supply, or a Lionel Lockon (available separately, (6-62900)). You need the ends of the wires to be stripped back 1/4" to 3/8".

Caution! To strip the wires, use a pair of wire strippers or a sharp knife. Only an adult should perform this task! Always use care when stripping wires.

To wire this accessory, simply attach a wire to each of the spring clip terminals on the bottom of the Water Tower and connect them to the POWER/A and COMMON/GROUND/U terminals on your power supply or to the Lionel Lockon. Refer to Figure 1.

Spring clip terminal and Lockon connections: Press down on the top of the terminal clip so that a metal loop is formed. Slide the bare end of the wire into the exposed loop. Release pressure on the terminal clip, allowing the crimped metal to pinch the end of the wire in the metal loop. Give a little tug on the wire to check if the hold is secure.

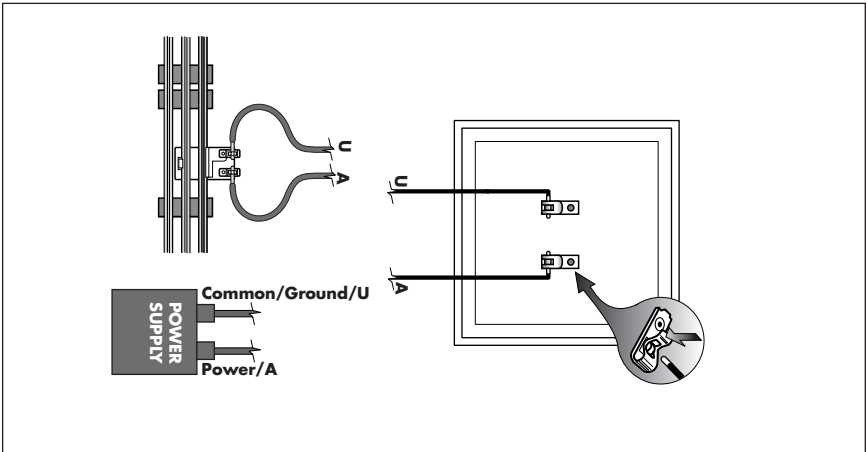


Figure 1. Power connections

Replacing the lamps in your Floodlight Tower

During the course of normal operations, the lamps in your Floodlight Tower may require replacement. Remove the expired bulb by twisting it counter-clockwise and sliding it out of the socket. Refer to Figure 2. Replace the lamp with Lionel part no. 600-0051-400.

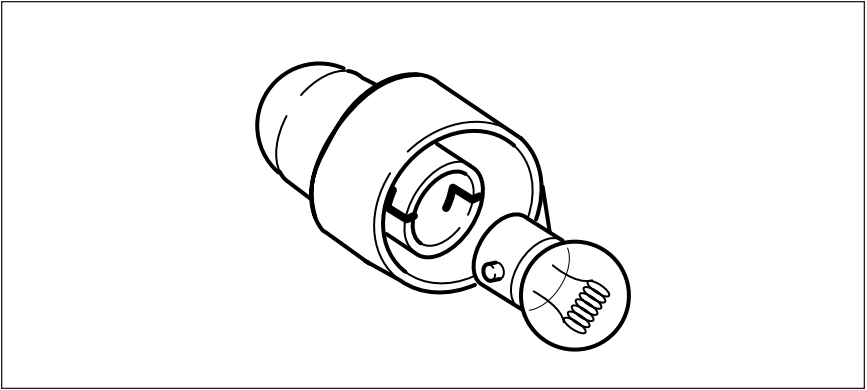


Figure 2. Lamp replacement

Installing your Floodlight Tower with TrainMaster Command Control

You may choose to wire your Floodlight Tower with an SC-2 Switch and Accessory Controller (available separately, 6-22980) or the Accessory Switch Controller (available separately, 6-14182) for operation in the TrainMaster Command Control environment. Refer to these manuals for additional information.

SC-2 wiring and operation

Three wires (not included) are needed to connect your Floodlight Tower to the SC-2 and a separate accessory transformer. Refer to Figure 3. We recommend using 22-gauge wire.

1. Attach one wire to the transformer Common/Ground/U terminal and connect it to the accessory COMM (common) position on the SC-2.
2. Connect one of the Floodlight Tower terminals to the accessory ON/OFF toggle position on the SC-2.
3. Finally, connect the remaining Floodlight Tower terminal to the transformer Power/A terminal.

Use the AUX2 button on your CAB-1 Remote Controller to toggle the Floodlight Tower ON and OFF.

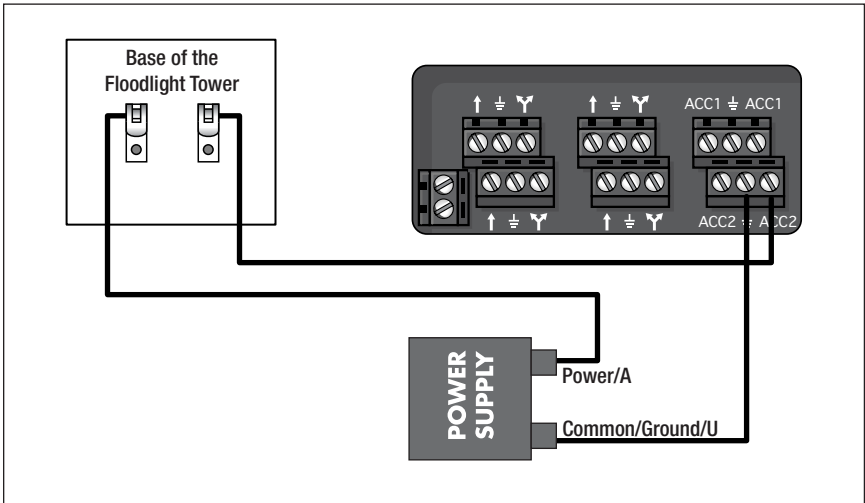


Figure 3. SC-2 connections

Wiring and operating your Floodlight Tower with TrainMaster Command Control (continued)

Accessory Switch Controller wiring and operation

Three wires (not included) are needed to connect your Floodlight Tower to the Accessory Switch Controller (ASC) and a separate accessory transformer. Refer to Figure 4. We recommend using 22-gauge wire.

1. Attach one wire to the transformer Power/A terminal and connect it to the COMM terminal on the ASC.
2. Connect one of the Floodlight Tower terminals to a numbered accessory terminal on the ASC.
3. Finally, connect the remaining Floodlight Tower terminal to the transformer Common/Ground/U terminal.

Use the AUX2 button on your CAB-1 Remote Controller to toggle the Floodlight Tower ON and OFF.

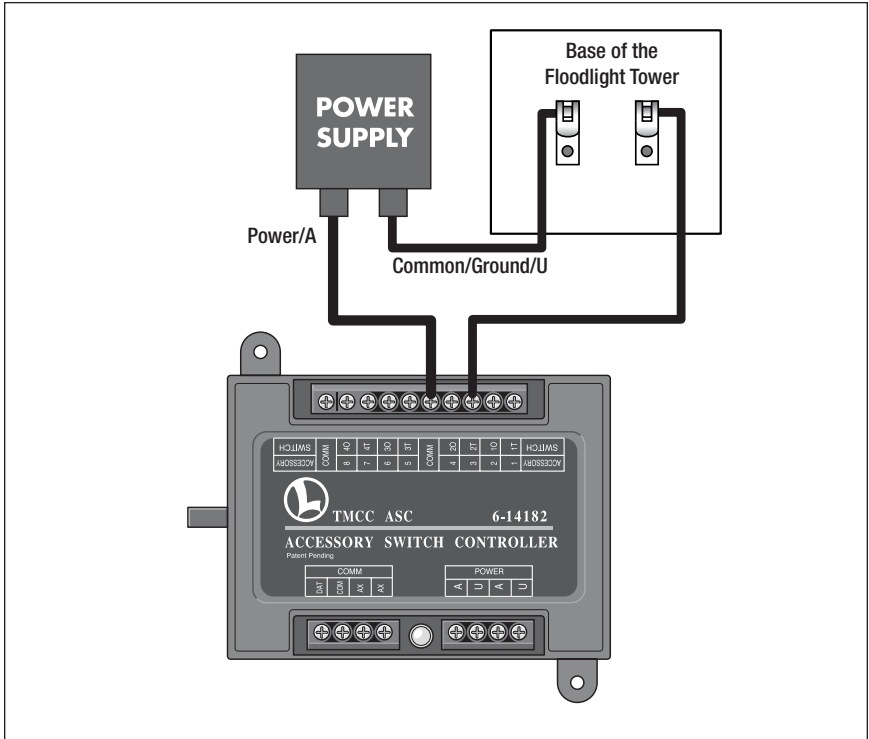


Figure 4. ASC connections

Limited Warranty/Lionel Service

This Lionel product, including all mechanical and electrical components, moving parts, motors and structural components, except for light bulbs, is warranted to the original consumer-purchaser, for **one year** against original defects in materials or workmanship when purchased through an authorized Lionel merchant.

This warranty does NOT cover normal wear and tear, light bulbs, defects appearing in the course of commercial use, or damage resulting from abuse or misuse of the product by the purchaser. Transfer of this product by the original consumer-purchaser to another person voids this warranty. Modification of this product voids this warranty.

Any warranted product which is defective in original materials or workmanship and is delivered by the original consumer-purchaser to Lionel L.L.C. or an authorized Lionel L.L.C. Service Center, together with proof of original purchase will, at the option of Lionel L.L.C., be repaired or replaced, without charge for parts or labor. In the event the defective product cannot be repaired, and a replacement is not available, a refund of the original purchase price will be granted. Any products on which warranty service is sought must be sent freight or postage prepaid, as transportation and shipping charges are not covered by the warranty.

In no event shall Lionel L.L.C. be liable for incidental or consequential damages.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

This limited warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Instructions for Obtaining Service

If service for this Lionel L.L.C. product is required, bring the item, along with your dated sales receipt and completed warranty information

to the nearest Authorized Lionel Service Center. Your nearest Lionel Service Center can be found by calling 1-800-4-Lionel, or by accessing our Website at www.lionel.com.

If you prefer to send your product back to Lionel L.L.C. for repair in Michigan, you must first call 586-949-4100 or FAX 586-949-5429, or write to Customer Service, P.O. Box 748, New Baltimore, MI 48047-0748, stating what the item is, when it was purchased and what seems to be the problem. You will be sent a return authorization letter and label to ensure your merchandise will be properly handled upon receipt.

Once you have received your return authorization and label, make sure that the item is packed to prevent damage during shipping and handling. We suggest that you use the product's original packaging. This shipment must be prepaid and we recommend that it be insured.

Please make sure you have followed all of the above instructions carefully before returning any merchandise for service. You may choose to have your product repaired by one of our Authorized Lionel Service Centers after its warranty has expired. A reasonable service fee will be charged.

Warranty Information

Please complete the information below and keep it, along with your dated sales receipt. You must present this and your dated sales receipt when requesting warranty service.

Name _____

Address _____

Place of Purchase _____

Date of Purchase _____

Product Number _____

Product Description _____

