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ProLights™ Quality Interior Lighting for G-scale Trains

by TrainLine45
"all about G-Scale"



**From Hobbyist for Hobbyists
that's why we care!**

Questions and comments:

If you have any questions or opinions about any of our products, please con - tact us at the following address:



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User– Guide

V 1.5

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Thank you for purchasing the ProLight by Trainline45.

The ProLight is a 6 LED light strip with 2 mounting holes that are consistent with the mounting provisions of LGB and Trainline passenger cars. The flat back of the LED strip may also be used with double sided tape to mount the ProLight directly to the in-side of any car's roof.

ProLight's LED is a modern warm-white (3000K light temperature) eliminating the blue shine of standard LEDs.

The ProLight may be operated on DC, DCC or AC (although AC is not commonly used by manufacturers of G-scale trains, it is possible that you may find an application in buildings with easier access to AC power than DC). The built in bridge rectifier allows any application without any user modification. ProLight works from 8V to 24V.

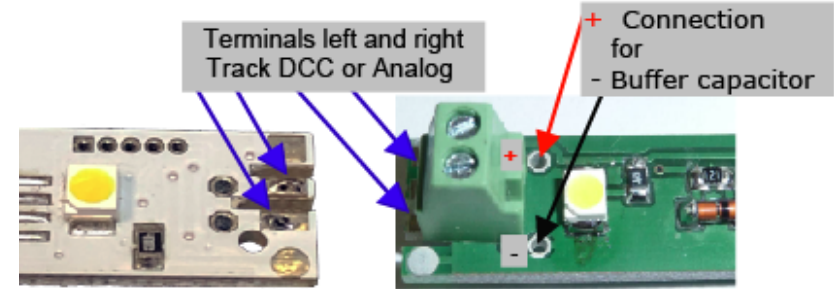
To help eliminate flickering caused from dirty track, you may use a capacitor. We recommend a series of small capacitors which equate to 24 volts or a single capacitor, such as a 35V 470 μ F capacitor. In order to not impact the looks under the roof of the car, we recommend to run wires from solder points for the capacitor to a hidden area in the car (e.g. entrance, toilet).

Wiring:

The ProLight is easily wired, without having to worry about polarity or voltage levels.

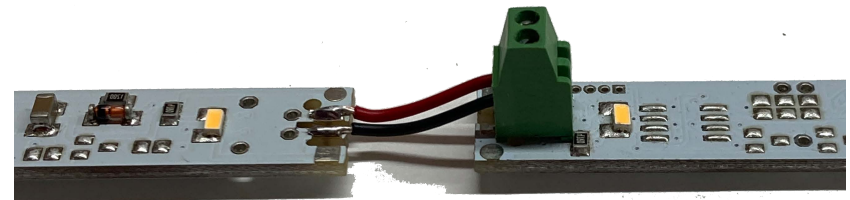


The boards may come with or without screw terminals. - *the following photo show both*



For the ProLights without the screw terminals. The terminals may be added or the wires soldered directly to the lights at the solder pads.

Additionally, the lights may be strung together by connecting the terminals at the ends of two boards.



Intensity adjustment:

Adjusting the light intensity is done while the lights are on using a small screwdriver or electronics tweaking tool. Gently turn the potentiometer left or right increasing or decreasing the light intensity. - *see the photo*

