

Passenger Car LED Lighting Kit Pro-Cons

Pros

- provides easy LED intensity adjustment through a wide range
- same module can power from one to 12 or more LED sections
- provides filtered DC for trouble free LED operation
- provides flicker resistance when crossing switches etc.
- constant LED intensity regardless of track voltage, from about 11VAC up
- provides LED burnout protection because max current is automatically limited
- provides protection against possible DCS signal interference
- module cost is under \$5 each when assembled by the user
- modules can be preset on the bench to assure even car light intensity

Cons

- more expensive than a simple resistor
- more complex to install; requires (1"x3/4"x3/4"H) space for the module
- modules must be hand assembled, or purchased builtup at higher cost
- regulator tab gets a little hot; must be located away from any plastic