

OS LED strips Manual

LED strips for coaches and universal 12V LED strips

Overview

LED-based lighting strips tailored for model railway passenger coaches. These strips are optimized for DCC layouts and offer both flexibility and simplicity in installation.

Variants

◆ LED Strip Modules (19cm, 22cm, 25cm, 28cm)

- Designed for **internal mounting** inside rolling stock
- Integrated **constant current source** to maintain brightness during voltage dips
- **Potentiometer** allows manual brightness adjustment
- **Two solder pads** for attaching an external **220uF 25V capacitor**
- **Power pass-through solder pads** at the ends allow daisy-chaining
- For use with **digital/DCC-powered** trains only

◆ Universal Power Pack Module

- Meant for driving standard **12V LED strip rolls**
 - Accepts DCC signal on input pads
 - Outputs stable +12V and GND for external strip lighting
 - Also contains **constant current circuitry** for consistent lighting
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