



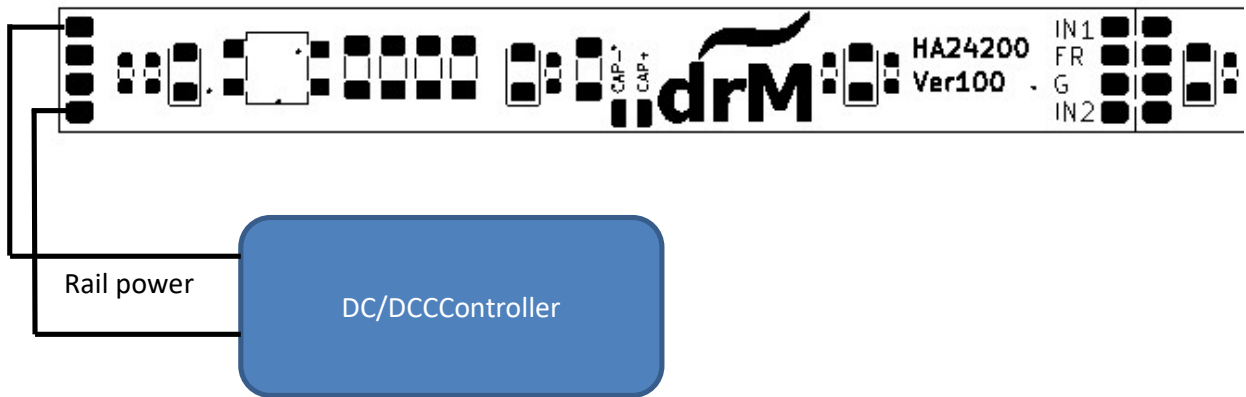
## **HA-24200 Light Bar**

**Ver:100**

### **1. Feature**

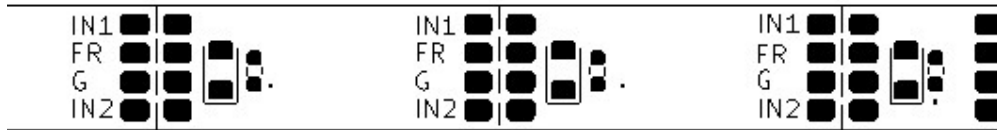
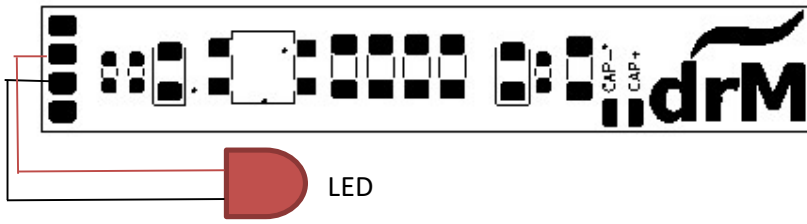
- Built-in 11 high brightness LED.
- LED Brightness Adjustable.
- Connect to DC/DCC power directly.
- Connecting ports in terminals for extended LEDs(Taillight).
- Light Bar size = 257mm x 8.7mm x 5mm(Length x Width x Height), the bar length can be cutted down to fit the length of coach (minimal length is 70mm).
- Anti-flashing capacitor is built-in, also reserved external capacitor connecting port.

## 2. Power Connection



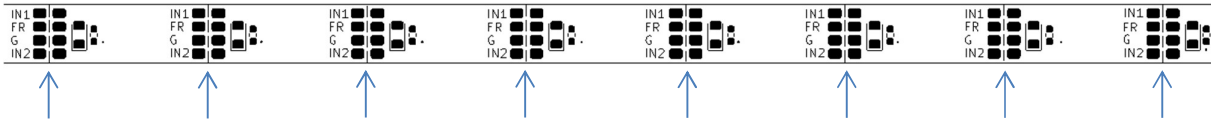
- IN1, IN2 of HA-24200 are power connecting ports. There is not polarity in this port. Please do not connect IN1 and IN2 to the same rail to prevent short circuit.

### 3. Connection for Taillight



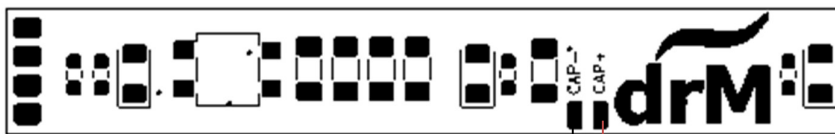
- In the terminals of light bar, the ports which is marked with FR/G labels are reserved for Taillight. The FR is connected to anode of LED and G is connected to cathode of LED.

#### 4. Cutting light bar



- The lines which are indicated by arrow as figure are the trim line for cutting light bar in unit.
- If re-connecting the cut light bar is required, just connect the soldering points with the same label.

#### 5.



Capacitor 100uF~2200uF/25V

- As the figure, label of Cap+ on PCB is connected to the positive terminal of capacitor and Cap- is connected to negative terminal of capacitor.
- Capacitor with 100uF~2200uF capacitance and voltage rating of 25V is recommended.

#### Note

- Any point on light bar SHALL not short to any other points.
- Ensure the voltage to light bar to be under 20V.
- Notice the polarity of LED and external capacitor.
- DO NOT modify, change or remove any components on the light bar to prevent from damage.