

# **Product Specification**

NAME: Guide rail type DALI constant-current dimmer MODEL: DL107



#### Summarization

Guide rail type DALI constant-current dimmer is a kind of Guide rail type DALI dimmer which is self-developed by our company. The dimmer has a standard 35mm rail snaps, it can be directly installed in the cabinet of 35mm rail, demolition replacement is very convenient. Dimmer has a wide input voltage, compatible with universal voltage requirements, adopts dali dimming protocol, the output current is 1A, with over-current protection, short circuit protection.

# **Electrical parameter**

Input voltage: AC90-260V/45-60Hz Output voltage: DC24-36V Output current: 1A Protective feature: Over-current, short circuit protection, can automate recovery after troubleshooting Overall efficiency: >82% Working temperature: -20-50°C Net weight: 204g External size: L88\*W72\*H59(mm)

# **External Dimension:**





#### Instructions:

1. Please connect constant-current dimmer power supply input port to AC90-260v 50/60Hz.

- 2. Please connect dali input port of constant-current dimmer to dali communication bus.
- 3. Please connect output port of constant-current dimmer to matched LED light source.

(Please refer to typical application diagram for details)

# Interface specification:

- 1 AC-L:90-260V ac network firing line input
- 2 AC-N:90-260V ac network Zero line input
- ③ DL:dali communication bus input (neither positive nor negative)
- ④ DL:dali communication bus input (neither positive nor negative)
- ⑤ V+: Constant current output anode
- ⑥ V-: Constant current output cathode

# Notice:

1. Please read user manual carefully before use.

2. Please check if parameter of application circuit conforms to output parameter of the dimmer.

- 3. Please check if the wire connection is correct before power on.
- 4. Please don't open the shell of dimmer at will, avoid electric shock hazard.

# Typical application diagram



