



Single - Channel Wall Box LED Dimmer,
Knob Control, 12 - 24V DC, 96 - 192W

- Single-channel knob dimmer for wall box mounting
- Operates on 12 - 24V DC input power
- Rated 96W at 12V or 192W at 24V
- Plastic enclosure with white finish
- Ambient operating range of - 20°C to 40°C
- Backed by a 1 - year warranty

OVERVIEW

The C-1-96Box is a single-channel wall box LED dimmer designed for low-voltage DC lighting control in indoor commercial and residential installations. A rotary knob interface provides direct, precise dimming adjustment from a standard wall-mounted control point.

The unit accepts 12 - 24V DC input and supports a power rating of 96W at 12V or 192W at 24V, suiting a range of low-voltage LED lighting loads. Its plastic enclosure has a white finish and is rated for ambient operating temperatures from - 20°C to 40°C. It is intended for indoor use only and is not waterproof.

The controller carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

ELECTRICAL

Operating Voltage 12-24 V

Wattage 96-192 W

MECHANICAL

Finish White

Material Plastic

ENVIRONMENTAL

Ambient Operating Temperature - 20-40 °C
- 4-104 °F

ORDERING

Warranty 1 y

APPLICATIONS

- Wall-mounted dimming stations
- Commercial low-voltage LED lighting control
- Residential LED lighting installations
- Retrofit lighting control upgrades

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	12–24 V	db	high
wattage	96–192 W	db	high
finish	White	db	high
material	Plastic	db	high
ambient_temp_c	-20–40 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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