



3-Channel RGB LED Controller, 12VDC/288W, Chasing and Speed Modes

- 3 output channels for RGB LED control
- 288W total power capacity at 12VDC input
- Maximum output current of 24 amps
- Chasing and Speed modes for dynamic lighting effects
- Rated LED lifetime of 50,000 hours
- Compact housing measuring 4 × 3 × 1 in, 0.3 lb

OVERVIEW

The C-3-288 is a 3-channel onboard RGB LED controller designed for architectural lighting installations, event decorations, and stage productions. It provides centralized control of RGB LED systems with support for Chasing and Speed modes, enabling a range of dynamic lighting effects.

The controller operates on a 12VDC input and delivers a maximum output of 24 amps across its 3 channels, with a total power capacity of 288W. Its compact, sturdy construction measures 4 × 3 × 1 in and weighs 0.3 lb, suited for integration into professional lighting setups rated for ambient temperatures of 0-40°C.

SPECIFICATIONS

OPTICAL

LED Lifetime	50,000 h
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ELECTRICAL

Operating Voltage	12 V
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Wattage	288 W
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MECHANICAL

Product Dimensions	4 × 3 × 1 in
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Weight	0.3 lb
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ENVIRONMENTAL

Ambient Operating Temperature	0-40 °C 32-104 °F
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ORDERING

Warranty	1 y
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APPLICATIONS

- Architectural lighting installations
- Event decoration lighting
- Stage productions
- RGB LED strip control systems

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	db	high
wattage	288 W	db	high
product_dimensions	4 × 3 × 1 in	db	high
weight	0.3 lb	db	high
ambient_temp_c	0–40 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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