



3-Channel RGB RF Touch Remote Controller, 12–24V DC, Up to 576W

- Operates on 12–24V DC input range
- Supports wattage output from 120W up to 576W
- 3-channel RGB RF touch remote control interface
- Rated LED lifetime of 50,000 hours
- Ambient operating temperature range of 0–40°C
- Compact housing measuring 7 × 6 × 2 in, 0.9 lb

OVERVIEW

The C-3-R288-Match is a 3-channel RGB RF touch remote controller for wireless control of RGB lighting systems in commercial and residential installations. It provides a touch interface with RF technology for reliable wireless adjustments across large lighting setups.

The controller operates across a 12–24V DC input range and supports a wattage output of 120–576W depending on voltage, making it suitable for extensive RGB lighting configurations. It carries an LED lifetime rating of 50,000 hours and is rated for ambient operating temperatures of 0–40°C.

The unit is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime	50,000 h
--------------	----------

ELECTRICAL

Operating Voltage	12–24 V
Wattage	120–576 W

MECHANICAL

Product Dimensions	7 × 6 × 2 in
Weight	0.9 lb

ENVIRONMENTAL

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

ORDERING

Warranty	1 y
----------	-----

APPLICATIONS

- Commercial RGB lighting installations
- Residential accent and mood lighting
- Retail and hospitality lighting control
- Architectural RGB strip lighting systems

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	12–24 V	db	high
wattage	120–576 W	db	high
product_dimensions	7 × 6 × 2 in	db	high
weight	0.9 lb	db	high
ambient_temp_c	0–40 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

REVIEW COPY