



RF Remote SPI Pixel Controller, 2450 Pixels, 12VDC, 125 Modes

- Controls up to 2450 individually addressable SPI pixels
- Operates at 12VDC input voltage
- Offers 125 selectable lighting modes
- Wireless RF remote operation eliminates direct wiring to controller
- Rated for 50,000 hour LED lifetime
- Backed by a 1 year warranty

OVERVIEW

The C-SP-RF2450 is an RF remote SPI pixel controller designed for use with SPI-compatible LED lighting systems. It is suited for commercial and architectural installations where wireless control of pixel-addressable LED fixtures is required, eliminating the need for direct wiring to the controller.

The controller operates at 12VDC and supports up to 2450 pixels across 125 selectable modes, providing a broad range of control options for dynamic lighting applications. Wireless RF communication allows for convenient operation at a distance. The unit is compatible with SPI protocols, enabling straightforward integration into existing pixel LED infrastructure.

The controller carries a 1 year warranty and is rated for an LED lifetime of 50,000 hours.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

ELECTRICAL

Operating Voltage 12 V

ORDERING

Warranty 1 y

APPLICATIONS

- Architectural pixel LED installations
- Commercial signage and display lighting
- Retail and hospitality accent lighting
- Stage and event pixel lighting control
- Decorative facade lighting systems

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.