



AC/DC LED Controller, 1500W, 120VAC, 3000K-6000K CCT, 12mm, 50m Run

- Controls tunable white CCT from 3000K to 6000K
- Supports connected load up to 1500W
- Operates on 120VAC input power
- Rated for cable runs up to 50 meters
- Matched to 12mm connectors for M-HL-57-120-WW+W series
- Backed by a 1-year warranty

OVERVIEW

The C-AC-DC2-1.5KW-12mm is an AC/DC LED controller designed for use with the M-HL-57-120-WW+W series of high-lumen fixtures. It provides tunable white control across a 3000K-6000K color temperature range, suitable for commercial and industrial installations requiring CCT adjustment.

The controller operates on 120VAC input and supports up to 1500W of connected load. It is rated for cable runs of up to 50 meters, accommodating larger fixture layouts without signal degradation. The 12mm form factor matches connectors used in the supported fixture series.

The controller carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

Color Temperature	3,000-6,000 K
LED Lifetime	50,000 h

ELECTRICAL

Operating Voltage	120 V
Wattage	1,500 W

ORDERING

Warranty	1 y
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APPLICATIONS

- Commercial tunable white lighting installations
- Industrial high-bay fixture control
- Retrofit projects using M-HL-57-120-WW+W fixtures
- Facilities requiring adjustable correlated color temperature

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
cct_k	3,000-6,000 K	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	120 V	db	high
wattage	1,500 W	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.