

WIRELESS ON/OFF/0-10 VOLT DIMMING ROOM CONTROLLER

LMRC-611-16M | [Wattstopper](#)



FEATURES & BENEFITS

The LMRC-611-16M is a wireless DLM room controller, part of the foundation of the wireless Digital Lighting Management (DLM) system. It includes one relay to switch a total of 16 amps and both Class 1 and Class 2 0–10 volt outputs for control of dimmable loads including compatible LED drivers and electronic ballasts.



- Connections to DLM Network: Wireless IPv6 Mesh
- Device Security: Secure-factory provisioned trusted hardware with Legrand-private certificate chain and signed ECC keypair
- Wireless Encryption: AES 128-bit symmetric key, randomly generated per-PAN, shared via secure DTLS only
- Operating conditions: for indoor use only; @120/277V:32-140°F (0-60°C); 5-95% RH, non-condensing
- UL and cUL listed
- FCC part 15 compliant
- Five-year warranty

SPECIFICATIONS

ADDITIONAL INFORMATION

TECHNICAL INFORMATION

Load Requirements: Incandescent: 16A @ 120VAC, Ballast and E-ballast: 16A @ 120/277VAC

Class 1 & 2 Dimming Output, 0-10V sinks up to 50mA per channel

Connection to DLM Network: Wireless IPv6 Mesh

Device Security: Secure-factory provisioned trusted hardware with Legrand-private certificate chain and signed ECC keypair

BACnet IPv6 capable

DLM local network parameters: Up to 48 loads, up to 48 communicating devices

MODELS

Product Number: LMRC-611-16M

GENERAL INFO

Typical Applications: Retrofit or new construction in commercial office, healthcare, and education

LISTING AGENCIES/THIRD PARTY CERTIFICATIONS

RoHS: Yes

CUL Listing No: E101196

cULus: Yes

FCC Standard: Yes

UL Listing No: E101196

TECHNICAL INFORMATION

AC Voltage Input: 120/277VAC, 50/60Hz

Supported Standards: Wireless - IPv6 Mesh (6LoWPAN / 802.15.4 / 2.4GHz), range up to 100 ft., Bluetooth low energy (802.15.4 / 2.4GHz), range up to 30 ft.