



# Indoor Zigbee Lighting Controllers



## Easy wireless fixture control

To meet the growing energy management needs of customers worldwide, EuControls is introducing 20A rated relay lighting controllers with Zigbee mesh networking connectivity alongside existing 9A rated models. Using the Zigbee wireless protocol, these 0–10V dimming controllers offer easy knock-out installation, reduced maintenance requirements, and reliable long-term operation.

## Energy metering for greater savings

Equip your new construction or retrofit project with dimmable wireless lighting controls for smarter usage and monitoring. Gain new insights on your lighting fixtures and save on energy costs with energy metering capability. By collecting energy consumption data, you can better understand how your fixtures operate and determine preemptively when they need servicing.

Part Number	Relay Rating	Input Voltage	Zigbee Certified	Energy Metering
LCM-1C09-ZB	9A	100–277VAC	HA 1.2	—
LCM-LV-ZB	9A	12VDC	HA 1.2	—
LCM-1C20-ZB	20A	100–277VAC	HA 1.2	—
LCM-1C20-ZBM*	20A	100–277VAC	3.0	X

\* Expected 2018 Q4



## SPECIFICATIONS

- 100–277VAC or 12VDC input voltage
- ON/OFF and 0–10VDC dimming control (100 mA max sink)
- Compatible with electronic ballasts and LED drivers that comply with IEC60929 Annex E2
- Zero crossing AC relay (LCM-1C20 models)
- 9A or 20A AC relay max current
- 1200W or 2700W max AC relay load @ 277VAC
- 2.4GHz Zigbee integrated radio
- +8dBm to +20dBm Zigbee radio transmit power
- Zigbee Home Automation 1.2 or latest version 3.0
- Compatible with ControlScope by Daintree Networks
- Energy metering of connected fixture (-M model)
- 23 to 122 °F (–5 to 50 °C) operating temperature
- Rated IP50 for indoor locations
- FCC 47CFR Part 15 Class B compliant
- CE certified & RoHS compliant
- UL/cUL recognized, Isolated Class 2 (LCM-1C09-ZB model)
- UL/cUL listed (LCM-LV-ZB, LCM-1C20-ZB, and LCM-1C20-ZBM models)

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