### FEATURES & BENEFITS

The wireless border router manages the creation and configuration of the IPv6 Mesh wireless network for up to 50 DLM rooms / 400 devices, and provides network connectivity via wired Ethernet to a local area network (LAN). LMBC-650 and LMRC-611MCC devices connect to the border router or to each other to establish mesh routing paths. The border router is quickly commissioned using LMCS Configuration Software and also provides live information about the health of the mesh network in the form of signal quality, device status, network status, and other real-time network information. Secure wireless communication using AES 128-bit encryption ensures the most advanced levels of security in the industry.

- Uses IPv6 Mesh to establish secure network communication with all DLM wireless devices
- Dual internal antennas with diversity provide robust signal strength and reliable communication
- Provides secure self forming mesh network for up to 50 DLM rooms / 400 devices
- Single Ethernet port for LAN connectivity and management
- Includes DLM Dashboard web-based software for BACnet integration, scheduling, and demand response support.
- Includes out-of-box wireless AES 128-bit encryption
- Trusted hardware chips prevent any non-DLM devices from being able to connect to the wireless lighting control network
- LMCS software easily commissions the border router and all devices on the mesh network

### SPECIFICATIONS

**ADDITIONAL INFORMATION**

**MODELS**

Product Number: LMBR-650
GENERAL INFO
Typical Applications: Retrofit or new construction in commercial office, healthcare, and education

LISTING AGENCIES/THIRD PARTY CERTIFICATIONS
RoHS: Yes

TECHNICAL INFORMATION
Supported Standards: Wireless - IPv6 Mesh (6LoWPAN / 802.15.4 / 2.4GHz)
Volts: 24VDC