DESIGNING IN AN ERA OF CHANGE
The lighting controls industry is rapidly changing — advancing from analog standalone controls, dictated primarily by energy codes, to providing a total building experience that meets a higher performance level while driving towards a Net Zero future.

Legrand® created the Wattstopper Digital Lighting Management (DLM) lighting controls system to meet the changing requirements of energy codes and to enhance energy management. DLM has become a cornerstone in commercial lighting systems enabling ease of design and installation.

As needs shift in an increasingly complex building environment, Legrand continues to design to exceed expectations. **Wattstopper wireless DLM** extends the system’s capabilities into a new IP-based control platform — an ecosystem of simple, and scalable lighting controls focused on increasing building efficiency and performance.
The Internet of Things (IoT) is influencing the way buildings perform. Legrand’s global IoT program, Eliot, is driving innovation, connectivity, and creativity in the built environment. The Wattstopper wireless DLM system of connected devices exemplifies an Eliot solution that delivers a simpler yet more productive occupant experience.
Wattstopper wireless DLM is an intelligent system of connected devices that creates a data-rich environment capable of adapting as building and occupant requirements change. The seamless, code-compliant solution can scale from an individual office to a networked campus.

- Built using the latest open IP-standards and protocols, providing reliable communications
- Ultimate design flexibility between wired and wireless DLM products, enabling hybrid rooms or buildings
- Installation and commissioning made simple from specification to occupancy
The DLM system operates using wired, wireless, and hybrid connectivity with native BACnet® support. Product line features include:

- Quick and easy wireless installation
- IPv6 mesh for network communications with all wireless DLM devices
- DLM Configuration app enables commissioning using Bluetooth® wireless technology
- Ten-year battery life, LED battery-alert indicator, and software notifications
- Seamless design and compatibility between devices
Wireless Corner Mount PIR Occupancy Sensor
LMPX-600

Wireless Dimming Wall Switch
LMDM-601

Wireless 5-Button Scene Switch
LMSW-605

DLM Configuration App

LMCS Design and Programming Software

DLM Dashboard
Wireless DLM leverages the latest in open IP-based standards and protocols including 6LoWPAN mesh, based on the IEEE 802.15.4 standard for low-power wireless devices and networks. These standards provide reliable communication and seamless BACnet integration with the latest IoT systems.

Device Commissioning
Device commissioning using Bluetooth wireless technology allows room-level devices to pair and configure quickly with the DLM Configuration app on a mobile device.

Room and Network Communication
A wireless DLM room self-configures, offering code-compliant sequence of operations profiles as devices are powered on and paired.

Integration with Building Systems
Information in the Wattstopper DLM ecosystem is readily available to other systems using the BACnet communications protocol.
### Open IP-Based Standards from Edge to Cloud

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- Wireless Room
  - Wireless Switch
  - Wireless Sensors
- DLM Network
  - Wireless Room Controller
  - DLM Configuration App
- DLM Dashboard
- Building Interface
  - Border Router
  - DLM Network Cabinet with Connected Services
- BMS Network Cabinet
- Legrand Commercial Cloud
  - Legrand Remote Operations Center
The wireless DLM system is fully compatible with wired DLM room products, enabling a unique hybrid architecture for open offices and spaces that require wired technology such as dual technology sensors, human centric lighting, and touchscreens.

The DLM product line delivers design flexibility for wired, wireless, and hybrid rooms.
Installation and commissioning are made simple with unique hardware features, out-of-the-box encryption, and app-based commissioning. Because this system is wireless, contractors can install projects faster, with less risk, and reduce the time it takes to get a certificate of occupancy.

- Quickly pair wireless devices with the DLM Configuration app or through push-to-pair
- Easily meet code requirements by applying Sequence of Operation (SoO) profiles to spaces from the DLM Configuration app or LMCS Design and Programming Software
- Save time with unique hardware features
  - Mounting accessories included for either threaded rod or surface mounting
  - Optional plenum-rated bracket for recessed mounting (LMPC-600 or LMDL-600)
  - Snap-on sensor masks included (LMPC-600)
Intuitive setup and commissioning options make installing a wireless DLM system easy. With Plug n’ Go™ automatic configuration, energy codes are met immediately.

**DLM Configuration App**
Pair DLM devices over Bluetooth low energy technology to configure rooms and create scenes. Set up, test, push OTA updates, and adjust devices
*(Available on iTunes and Google Play store)*

**LMCS Design and Programming Software**
Quickly commission and push OTA updates to multiple networked rooms or floors simultaneously. The software, which provides engineering drawings, automatically communicates with Legrand’s cloud-based project database

**DLM Dashboard**
Easily maintain, monitor, and control a networked wireless DLM system through PC or app-based software enabled by an LMBR-650 Wireless Border Router
*(Available on iTunes, Google Play store, and Windows 10)*
Protect your DLM investment with Wattstopper Connected Services, a remote connection to Legrand’s Remote Operations Center (ROC) available for immediate diagnostics, programming, configuration, and troubleshooting support.

Then add Wattstopper’s Technology-Enabled Service Contracts for on-site support and training to keep your system maintained for optimal performance well into the future.