



- Provides interface between Building Automation System and lighting control systems
- Single point connection for network control
- Connect with BACnet IP, BACnet MSTP, or LonWorks
- Allows status reporting and direct control of relays
- Communicates relay status
- Custom configurations available



## Overview

The LightMaster ProtoCessor Gateway can be added to any network system to provide single point control from any Building Automation System using BACnet IP, BACnet MSTP, or LonWorks serial protocol. This gateway provides status and control of single relays, multiple relays, LightMaster groups, and LightMaster presets. Relay control allows timer options, which include blink alerts and other timer/relay types. Relay control points can be programmed through the keypad or with the use of complementary intuitive software.

## Features

### Protocols

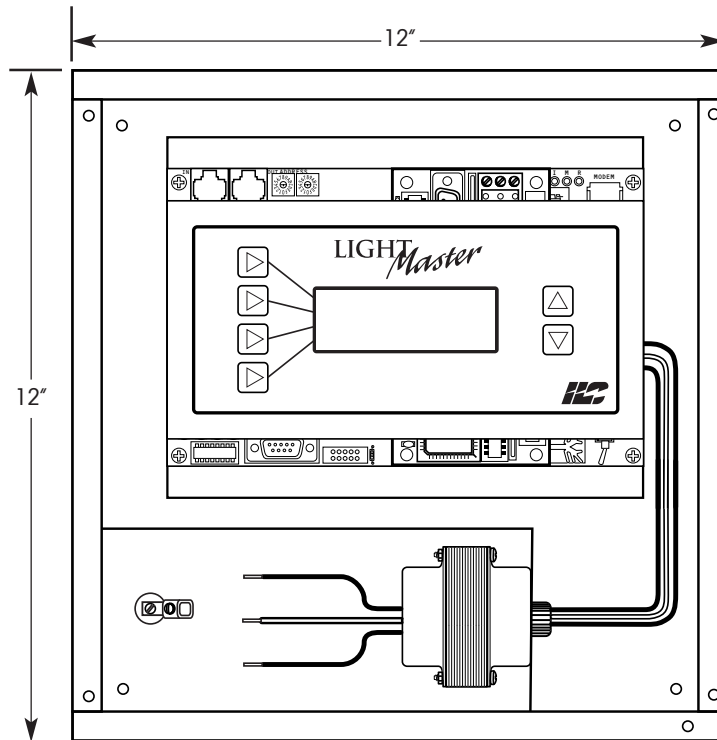
- **BACnet IP** an ASHRAE protocol communicating on a TCP/IP network.
- **BACnet MSTP** an ASHRAE protocol communicating on a RS485 network.
- **LonWorks** an Echelon protocol communicating on a 2-wire data line.

### General Information

- **Single point communications** for BAS control of lighting panels.
- **Direct control** of single relays or multiple relays.
- **Group control** for LightMaster pre-programmed groups across the network.
- **Preset control** for LightMaster pre-programmed presets across the network.
- **True status** of relays, groups, or presets.
- **Timer option** commands available for blink alerts and alarms.
- **Installs** anywhere on the network.
- **Extractable files** from BACnet and LonWorks modules.
- **Data line** connection to a single point for network control.
- **Custom** configurations available.



**Physical**



*LightMaster ProtoCessor Gateway (shown in NEMA-type enclosure with transformer)*

**Specifications**

**Physical:**

- 8.0"W x 5.0" H
- Keypad with 4-line LCD
- Single point connections port
- RJ45 connectors for ethernet-based communications
- Removable screw connectors for data line communications

**Electrical:**

- Gateway power provided by 120/277VAC transformer
- Module power by 120VAC wall transformer

**Operating Environment:**

- Location: Interior space
- Operating Temp.: 0° to 50° C
- Humidity: 10% - 90% Non-condensing
- Atmosphere: Non-explosive/corrosive
- Vibration: Stationary

**Certifications and Approvals:**

- UL 508
- FCC Part 15

**Ordering**

