



## LX Series – Networked Lighting Controls

### LX Photo Sensor and Control Module



#### KEY FEATURES

- Turns lighting on and off based on available natural light
- Network-based photosensor control module
- Real-time foot-candle levels transmitted over a network on demand to a tablet
- 3 available sensor heads—Indoor, Outdoor, and Skylight/Atrium
- 0–1,000 foot-candle range with 1 foot-candle resolution
- 6 programmable on and off set points
- Programmable active and inactive times
- Topology-free, polarity-insensitive, 2-wire communication
- FT-10 and LPT-10 versions available
- LonMark® certified
- Mounts to standard DIN Rail
- 2-year warranty



DLCPCO



DLCPCI



DLCPCA

#### OVERVIEW

The LX Photo Sensor and Control Module provides a convenient method of turning lighting circuits on and off in response to natural light. With 6 individually programmable on and off set points, this device can control multiple lighting circuits to respond to different natural lighting levels, which eliminates the need for multiple photosensors. Real-time photometric information is transmitted over the LX network and displays on either the LX tablet (or another programming device connected to the network). Each of the 6 set points can be programmed to control a single relay, group of relays, or preset scene. For added control, the LX Photo Sensor Control Module can be programmed to be active or inactive during a specific time window.

#### FEATURES and BENEFITS

##### Features

Turns lighting on and off based on available natural light

Network-based photosensor control module

Real-time foot-candle levels transmitted over a network to all devices

3 available sensor heads—Indoor, Outdoor, and Skylight/Atrium

0–1,000 foot-candle range with 1 foot-candle resolution

6 programmable on and off set points

Programmable active and inactive times

##### Benefits

• Increases energy savings by turning lights on and off when there is sufficient natural light

• Seamless integration with the LX lighting control system

• Enables users to remotely adjust photocell settings

• Can be used for indoor, outdoor, or skylight applications

• Can be adjusted to suit virtually any lighting application

• A single photocell can control multiple lighting circuits at different lighting levels

• Allows users to program the device to be automatically enabled or disabled during a specific time window

Topology-free, polarity-insensitive, 2-wire communication	<ul style="list-style-type: none"> <li>• Topology-free: connected devices can be run in virtually any topology or mixed (including Star and T configurations)</li> <li>• Polarity-insensitive: connected devices are <i>not</i> sensitive to polarity. This enables contractors to easily install and wire without regard to polarity</li> <li>• 2-wire communication: all network communications take place over an easy-to-install 2-wire network</li> </ul>
LonWorks “open system” architecture	<ul style="list-style-type: none"> <li>• LonMark certified</li> <li>• Seamless integration of device in open-system, multi-vendor, interoperable LonWorks networks</li> </ul>

## SPECIFICATIONS

Network interface	• FTT-10 or LPT-10
Programmable functionality	<ul style="list-style-type: none"> <li>• Each on and off set point can be programmed to control a single relay, group of relays, or preset scene</li> <li>• Active and inactive times</li> </ul>
Programming and configuration	• Programmable over a network using the LX Touch Tablet or via the LX Photo Sensor Control Module LonWorks software plug-in (available at <a href="http://www.hubbell-automation.com">www.hubbell-automation.com</a> )
Capacities	• 6 programmable on and off set points with adjustable deadband
Network modes	<ul style="list-style-type: none"> <li>• LX Lighting Control System</li> <li>• LON-based networks</li> </ul>
Photocell ranges	• 0–1,000 foot-candle range with 1 foot-candle resolution
Electrical	<ul style="list-style-type: none"> <li>• LXPSCMLP: Powered from the Link Power network</li> <li>• LXPSCMFT: 16–30 Volts AC or DC; .5 Amps required</li> </ul>
Operating environment	<ul style="list-style-type: none"> <li>• Indoor use only</li> <li>• Operating temperature: 32°–104° F (0°–40° C)</li> <li>• Relative humidity (non-condensing): 0%–95%</li> </ul>
Size and weight	<ul style="list-style-type: none"> <li>• Size: 6.25” x 3.75” x 1.5”</li> <li>• Weight: 6.0 oz</li> </ul>
Color	<ul style="list-style-type: none"> <li>• Photo Sensor Modules—black</li> <li>• Photo Sensor Photocells—white</li> </ul>
Mounting	• Mounts to a 35mm DIN rail
Certifications	• LonMark 3.3 certified
Warranty	• 2 years

## HOW TO ORDER

Catalog Number	Description	Color
LXPSCMLP	LX Photo Sensor Control Module – Link Power	Black
LXPSCMFT	LX Photo Sensor Control Module – FT	Black
LXPSPCI	LX Photo Sensor Photocell Indoor	White
LXPSPCO	LX Photo Sensor Photocell Outdoor	White
LXPSPCS	LX Photo Sensor Photocell Skylight/Atrium	White



**Building Automation, Inc.**

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9601 Dessau Road | Building One | Austin, Texas 78754  
 {512} 450-1100 | {512} 450-1215 fax

[hubbell-automation.com](http://hubbell-automation.com)