

## OVERVIEW

Photosensor input card.

A) Converts the signal of an analog photosensor into a digital stream.

B) Saves "global" switching triggers.

Switching triggers are global "ON" and "OFF" commands programmed at a specific light level, each with a unique group of relays, smart breakers or dimmers.

The PCC1 card is used for outdoor photosensors (PCELL 2WO) and has a single photosensor input.

The PCC3 card is used for indoor photosensors (PCELL 2WI) and has inputs for up to 3 separate photosensors.

## FEATURES

- Light levels from each photosensor may be displayed or read at the Digital Time Clock
- Light levels may also be displayed via Unity™ Lighting Control Software or Unity GX™ Advanced Graphical Software
- Up to 14 switch-trigger points
- May be polled by GR2400 Dimmers over the bus
- Programming locally at the Digital Time Clock (DTC), or remotely via Unity™ Lighting Control Software or Unity GX™ Advanced Graphical Software
- The inputs of a PCC3 may be digitally enabled or disabled via the DTC, or other controllers such as digital switches, building automation systems, occupant sensors, etc.
- Features advanced Daylight Harvesting capabilities. Please refer to the Indoor Photosensor specification sheet for more details

## SPECIFICATIONS

### Electrical

- Power Supply: Powered by GR2400 Bus.
- Maximum wiring distance between sensors: 300 feet

### Enclosure

- Enclosure: 6"W x 6"H x 4"D
- NEMA1 Screw Cover

### Environmental

- Ambient: 32°F to 104°F (0°C to 40°C)
- Relative Humidity: 10 - 90% non-condensing

### Addresses

- Addresses per card: 1

### Warranty

Three-year limited warranty. Complete warranty terms located at:

[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

**Note:** Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

**AcuityControls**

LC&D™

## GR 2400™ Photosensor Input Cards



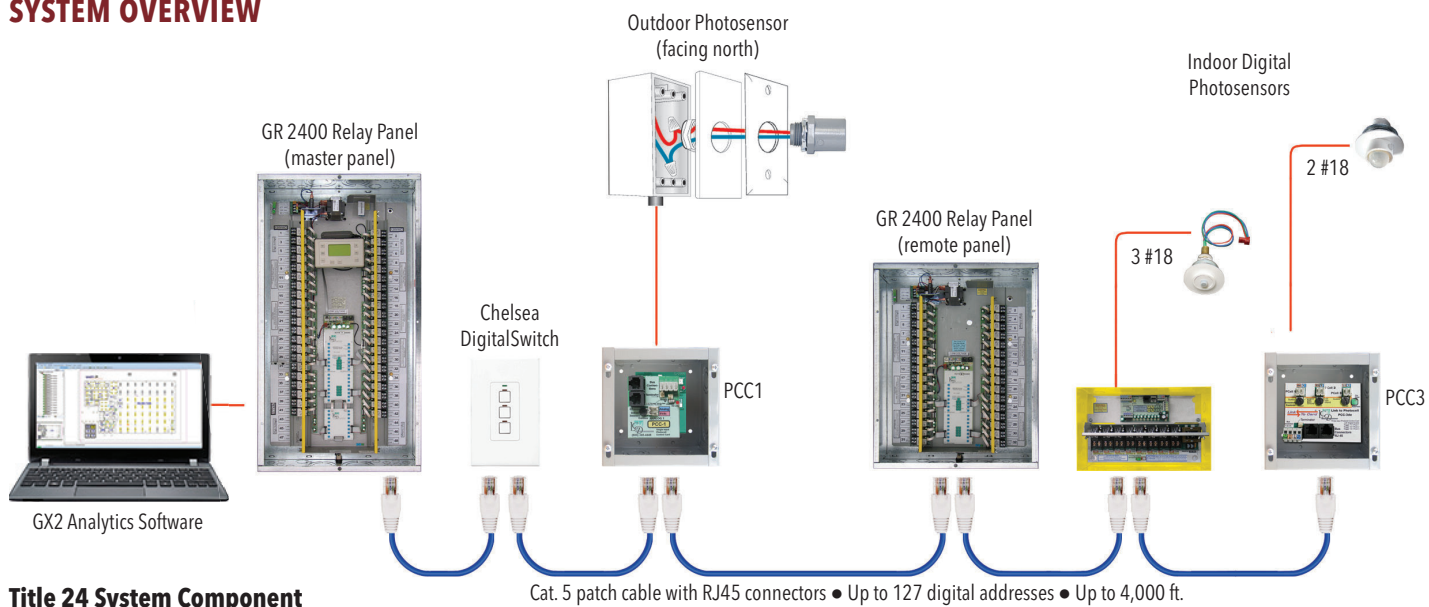
## ORDERING INFORMATION

| PHOTOSENSOR INPUT CARDS |                       |                                  | Example: GR2400 PCC1 |                         |
|-------------------------|-----------------------|----------------------------------|----------------------|-------------------------|
| SERIES                  | Photosensor Card Type |                                  | Enclosure            |                         |
| GR2400                  | PCC1                  | Outdoor card, 1 input, no sensor | [blank]              | Card only, no enclosure |
|                         | PCC1 2WO              | Outdoor card, 1 input, one 2WO   | SM NE1               | Surface Mount, NEMA 1   |
|                         | PCC3 <sup>1</sup>     | indoor card, 3 inputs, no sensor | FM NE1               | Flush Mount, NEMA 1     |
|                         | PCC3 2WI <sup>1</sup> | indoor card, 3 inputs, one 2WI   | SM NE4               | Surface Mount, NEMA 4   |
|                         | PCC3 2WO <sup>1</sup> | indoor card, 3 inputs, one 2WO   |                      |                         |

Note1:

Indoor Photosensor card PCC3 includes digital enable/disable feature

## SYSTEM OVERVIEW



NOTE: Photosensors do not always require a photosensor card. The Blue Box Master Panel (not shown) has an onboard input for (1) outdoor photosensor with eight global triggers. The MicroPanel has onboard inputs for up to four local indoor photosensors.