

OVERVIEW

The Outdoor Digital Photosensor is a two-wire photosensor designed for single-zone or multi-zone outdoor lighting control applications. With a hood to protect the photosensor from direct exposure to the sun, the Outdoor Digital Photosensor is usually roof-mounted and aimed North. Ideal for both simple and complex site-lighting controls, the Outdoor Digital Photosensor may be monitored at the Digital Time Clock (DTC).

Outdoor Digital Photosensors are available in two different versions:

1. The Blue Box Outdoor Digital Photosensor (PCELL 2WO BB) connects directly into a GR 1400 Blue Box Classic or LT master control card. The Blue Box Outdoor Digital Photosensor operates with a schedule to provide 8 groups of photosensor/time clock ON/OFF controls to a Blue Box Classic or LT system. Each group can control one relay to every relay in the system.
2. The Outdoor Digital Photosensor with Control Card (GR 2400 PCC1 2WO SM NE1) includes a PCC1 control card in NEMA1 enclosure that may be located anywhere on the GR 2400 bus. This photosensor option is intended for Blue Box LTD, and it may also be used with any Blue Box and any GR2400 (including Micropanel) relay panels. The GR 2400 Outdoor Digital Photosensor may be programmed with up to 14 different trigger points, each controlling a unique relay group (consisting of one to all relays on the bus) at different ON and OFF light levels.

For daylight harvesting applications, refer to the Indoor Digital Photosensor specification sheet.

FEATURES

- Completely sealed housing to operate in wet conditions

SPECIFICATIONS

Photocell

Operating range:	0-1000 fc
Temperature:	-40-140F (-40 - 60C)
Location:	Outdoor / wet
Mounting:	1/2" KO (0.875"), gasket and weatherproof box not included

Control Card

Addresses:	1
Programming:	Via DTC
Input power:	Class 2, powered from Bus
Temperature:	32-104F (0-40C)
Humidity:	10% - 90% non-condensing
Enclosure:	NEMA 1, 6"W x 6"H x 4"D, screw cover

Warranty

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

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™

Blue Box™

Digital Outdoor Photosensor



ORDERING INFORMATION

Outdoor Digital Photosensor

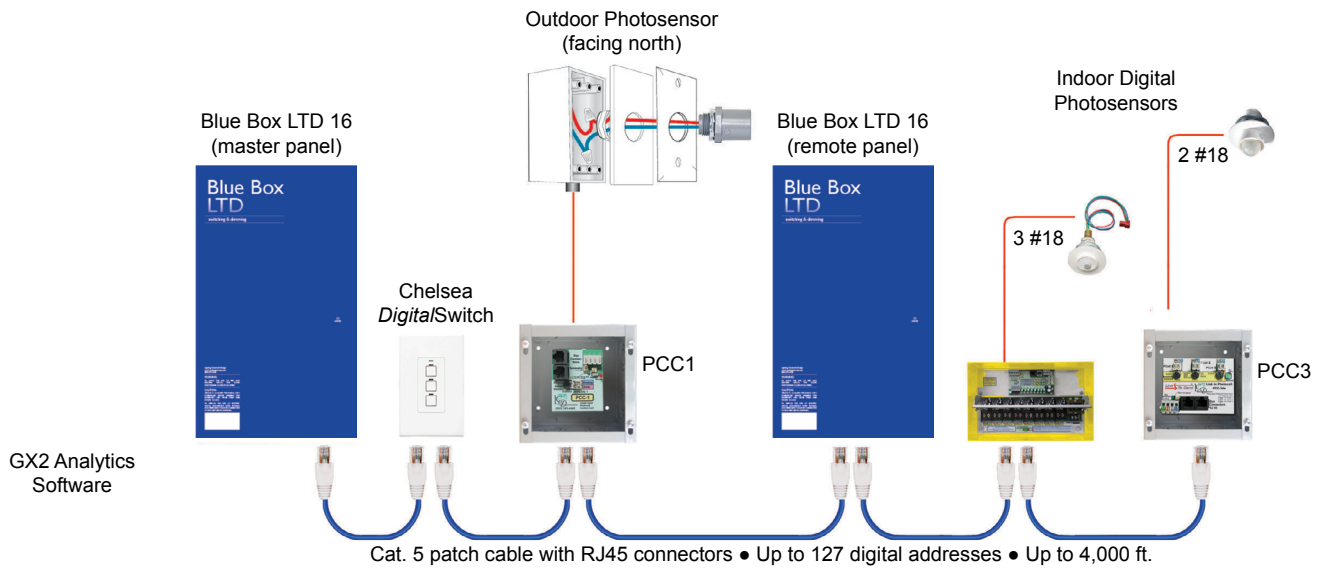
Models

PCELL 2WO BB	2-Wire Outdoor Photosensor for Blue Box Classic/LT Master Panels
GR2400 PCC1 2WO SM NE1	2-Wire Outdoor Photosensor with PCC-1 control card for BlueBox LTD or GR 2400 system

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Lighting can be staggered on as outdoor light levels decrease with a single photosensor.



Title 24 System Component