



# NXL-OPC

## Outdoor Photocell Integration Panel

### Overview

The NexLight NXL-OPC accessory panel is designed to easily allow for the addition of an outdoor photocell into a NexLight Lighting Control System. The small enclosure can easily be mounted near the outdoor photocell minimizing the line voltage run lengths or in a convenient location near an existing system panel. This multi-voltage solution provides flexibility for varying project requirements and simplifies installation for contractors. This panel includes a Surface Mount NEMA/Type 1 Enclosure and is factory wired in NexLight's UL508A certified manufacturing facility.

### Physical Specification

<b>NEMA Type:</b>	Type 1
<b>Mounting:</b>	Surface Mount
<b>Operating Temperature:</b>	14 °F to 131 °F (-10 °C to 55 °C)
<b>Dimensions:</b>	8.00" H x 8.00" W x 4.00" D (203 mm x 203 mm x 102 mm)
<b>Weight:</b>	5.785 lb (2.624 kg)

### Included Components

Qty:	P/N:	Description
1	RIB2421C	Enclosed Relay
1	CRC2301	Contact Input Tiny
1	EK4236S	Intermatic NightFox Photocell
1	PA-80-1	Panel Assembly
1	TB-1-6	Terminal Block Assembly



### Features

- » Includes 120/277 VAC Outdoor Photocell
- » Compatible with R Series, D Series, and Custom Panels
- » Addressable to actuate an Individual address or a Group
- » Ability to assign an Enable/Disable address for the Outdoor Photocell

### Photocell

<b>Voltage:</b>	120/277 VAC
<b>Mounting:</b>	1/2-14 NPSM Threaded Stem
<b>Operating Temperature:</b>	-40 °F to 158 °F (-40 °C to 70 °C)
<b>Activation ON:</b>	1.5 fc
<b>Activation OFF:</b>	4.5 fc
<b>Sensor Time Delay:</b>	Instant ON; 2 sec to 5 sec OFF
<b>Fail Mode:</b>	ON

### Electrical (Low Voltage)

<b>Data Input:</b>	±24 VAC, Signal
<b>Data Output:</b>	±24 VAC, Signal
<b>System mA Draw:</b>	3.5 mA
<b>System Addresses Used:</b>	1 (if using photocell Enable/Disable)

