

Crestron Green Light® Photocell, Outdoor

- > Wall mount photocell
- > Measures the outdoor light levels
- > Weatherproof with visor for protecting lens
- > 0 to 10 Volt DC analog control output
- > Control system interface via GLS-SIM or analog input
- > CEC Title 24 2013 Compliant

The GLS-LEXT is a photocell sensor for outdoor use such as parking lots, playgrounds, and storage areas. The sensor can signal for exterior lights to turn on when it is dark outside. Unlike a timer, a sensor can account for daytime storms and doesn't need to be programmed for sunset and sunrise times.

The GLS-LEXT continually monitors the total ambient light level and can adjust the lighting as necessary to reach the desired light level. The sensitivity is adjustable so that a 10V signal matches full daylight and 0V matches total darkness. A built-in visor provides more consistent readings by blocking direct sunlight, and also protects the lens from the elements.

The GLS-LEXT has a simple three-wire interface that allows for direct connection to a Crestron® control system via a single Versiport I/O or analog input port. The sensor can use 24 V power straight from the Cresnet® control bus.

Cresnet Option

Using the optional [GLS-SIM](#) Sensor Integration Module, the GLS-LEXT becomes a full-featured Cresnet device, streamlining the total lighting system. Cresnet provides a simpler solution for configuring and wiring sensors as part of any complete Crestron system. Cresnet is the communications backbone for Crestron lighting dimmers, keypads, touch screens, shades, thermostats, and many other devices. This flexible 4-wire bus provides data communications and 24 Volts DC power for all of the devices on the Cresnet network.

SPECIFICATIONS

Sensing

Light Sensitivity: 5 to 750 foot-candles

Accuracy: ±1% at 70° F (21° C), ±5% at 0° to 120° F (-18° to 49° C)

Connections

Power: +24 Volt DC input, 18 AWG conductor

Common: DC common, 18 AWG conductor

Sensor: 0-10V DC output, 18 AWG conductor

Power Requirements

Current Consumption: 4 mA @ 24 Volts DC

Cresnet® Power Usage: <1 Watt



Housing

Construction: Plastic, white

Mounting: Surface mount

Standards & Certifications

CEC Title 24 2013 Compliant

MODELS & ACCESSORIES

Available Models

GLS-LEXT: Crestron Green Light® Photocell, Outdoor

Available Accessories

GLS-SIM: Crestron Green Light® Sensor Integration Module

Notes:

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

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