

Crestron Green Light® Photosensor, Outdoor

- > Wall-mount photosensor
- > Measures the outdoor light levels
- > Weatherproof with visor for protecting the lens
- > 0 to 10 Volts DC analog control output
- > Control system interface via Cresnet®^[1] or analog input
- > CEC Title 24 2013 Compliant

The GLS-LEXT is a photosensor for use in outdoor spaces such as in parking lots, playgrounds, and storage areas. The sensor measures daylight and signals the control system to turn on the exterior lights when the light level falls below a certain threshold. Unlike with a timer, a sensor can account for daytime storms and doesn't need to be programmed for sunset and sunrise.

The GLS-LEXT continually monitors the total ambient light level and can adjust the lighting as necessary to reach the desired light level. The sensor's sensitivity is adjustable so that a 10 Volt signal matches full daylight and a 0 Volt signal 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 Volts of power straight from the Cresnet® control bus.^[1]

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 simple solution for configuring and wiring sensors as part of any complete Crestron system. The Cresnet bus is the communications backbone for many Crestron keypads, lighting controllers, shade motors, sensors, and other devices. Cresnet is a simple, yet flexible 4-wire network that provides bidirectional communication and 24VDC power for Cresnet devices.

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 Volts DC input, 18 AWG conductor

Common: DC common, 18 AWG conductor

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

Power Requirements

Current Consumption: 4 mA at 24 Volts DC

Cresnet® Power Usage: <1 Watt^[2]



Housing

Construction: Plastic, white

Mounting: Surface mount

Standards & Certifications

CEC Title 24 2013 Compliant

MODELS & ACCESSORIES

Available Models

GLS-LEXT: Crestron Green Light® Photosensor, Outdoor

Available Accessories

GLS-SIM: Crestron Green Light® Sensor Integration Module

Notes:

1. Cresnet communications requires GLS-SIM Sensor Integration Module (sold separately).
2. Power may be taken from Cresnet bus regardless of interface method.

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.

Certain Crestron products contain open source software. For specific information, visit www.crestron.com/opensource.

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