



BRING THE OUTSIDE IN

New Crestron SolarSync™ Photosensor

Introducing the GLS-LCCT Daylight Sensor with Correlated Color Temperature

- Captures true color (CCT) and intensity of the sun
- Tunable white now matches the sun • Roof mounted



The Crestron SolarSync Photosensor (GLS-LCCT) is a daylight sensor with a correlated color temperature (CCT) and luminous intensity meter. When mounted outdoors or in an area with plenty of natural light, the Crestron SolarSync analyzes the ambient light's color temperature and directs the indoor lighting to match the detected color.

This innovative sensor can drive indoor lighting to match the color and intensity of the sunlight throughout the day or create artistic lighting scenes that will make midnight feel like a sunny afternoon. With its CCT technology, the sensor can influence circadian rhythms to help recuperating patients and those with sleep disorders by tuning the indoor lighting to the circadian clock.

The Crestron SolarSync is capable of measuring color temperatures from 2,000K to 25,000K. Its photodiode detects 0-100,000 lux for an excellent recreation of the observed light's intensity. Perfect for sensing daylight in all types of weather and climate, the device contains internal resistors capable of dissipating up to 5 Watts of heat that prevents ice and snow from accumulating on the sensing elements.

The Crestron SolarSync is housed in an IP67 rated enclosure and can be mounted outside or inside and pointed at the desired light source it is meant to measure. Its simple 4-wire Cresnet® control bus allows for direct connection to a Crestron control system, with 24 Volts drawn for power.

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

Correlated Color Temperature: 2,000K to 25,000K
Light Sensitivity: 0-100,000 lux (0-9290 foot-candles)

CONNECTIONS

(4) Flying leads, for Cresnet communications and power

CONTROLS & INDICATORS

(1) Red/green LED, on top of device and visible through the dome, indicates status

ENVIRONMENTAL

Temperature: -40° to 185° F (-40° to 85° C)
Humidity: 0% to 95% RH (non-condensing)

POWER REQUIREMENTS

Current Consumption: 3-204 mA at 24 Volts DC
Cresnet Power Usage: 70mW-4.9W

ENCLOSURE

Housing: IP67 rated enclosure
Finish: Plastic, white textured finish
Mounting: Surface mount

DIMENSIONS

Height: 3.00 in (76 mm)
Diameter: 2.60 in (66 mm)

WEIGHT

5 oz (142 g)

STANDARDS & CERTIFICATIONS

Certified IP67 rated for outdoor installation
FCC

