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Project:

Reference Type:

Item Code:

Date:

Notes:

DATA SHEET

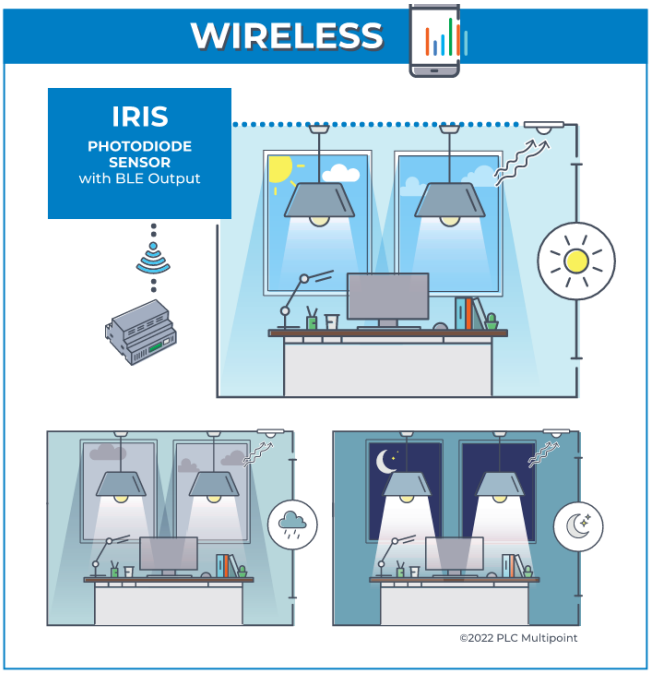
PLC Multipoint

PROJECT

LOCATION

CES/I-B

PHOTODIODE SENSOR
with Bluetooth Low-Energy (BLE) compliant output



FEATURES

- *Communication Protocol: Bluetooth 5.0*
- *Measuring range: 0-100 fc*
- *Input Power: 12- 24VDC, 40mA Max*
- *Operating Temperature:* -20°C to +55°C
- *Photodiode: Blue Enhanced*
- *Both Silvair and Casambi BLE available*
- *Transmission Distance: 100 feet line-of-sight**
- *5-year Warranty*

DESCRIPTION - CES/I-B-SV

The CES/I-B-SV is a Silvair-based indoor sensor for wireless transmission of daylight levels to a lighting control system per the Bluetooth 5.0 protocol. The sensor is powered by 24VDC from an external driver or power supply and provides a measurement range of 0 – 100 fc (1076 lux). Sensor configuration into a lighting control system and sensor light value readings can be viewed via an app available for iOS only (see figure at right for a typical output screen). Typical applications include offices, warehouses, hospitals, and all spaces where daylighting is important. The CES/I-B-SV provides the functionality and quality that have made PLC Multipoint photosensors the "Gold Standard" for over 30 years. The sensor is UL listed and is FCC compliant.

Typical CES/I-B-SV light reading as displayed in Silvair App

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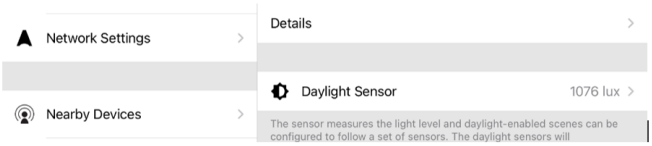
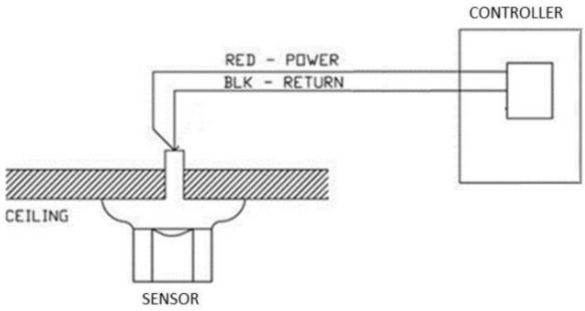
DESCRIPTION - CES/I-B-CS

The CES/I-B-CS is a Casambi-based indoor sensor for wireless transmission of daylight levels to a lighting control system per the Bluetooth 5.0 protocol. The sensor is powered by 24VDC from an external driver or power supply and provides a measurement range of 0 – 100 fc (1076 lux). Sensor configuration into a lighting control system and sensor light value readings can be viewed via an app available for both iOS and Andoid (see figure at right for a typical output screen). Typical applications include offices, warehouses, hospitals, and all spaces where daylighting is important. The CES/I-B-CS provides the functionality and quality that have made PLC Multipoint photosensors the "Gold Standard" for over 30 years. The sensor is UL listed and is FCC compliant.



Typical CES/I-B-CS light reading as displayed in Casambi App

ONE-LINE DIAGRAM



ORDERING INFORMATION

CES/I-B-XX, XX=CS (Casambi), XX=SV (Silvair)

CASAMBI APP for iOS

CASAMBI APP for Android

SILVAIR APP for iOS