



Catalog #: _____ Project: _____

Prepared By: _____ Date: _____ Type: _____

AirLink™ BlueTechnology Partner **SILVAIR**

Daylight Harvesting Sensor



The AirLink Blue daylight harvesting sensor provides wireless lighting control based on available ambient daylight. Multiple fixtures can be grouped to be controlled by a single daylight harvesting sensor. Controls 0-10 VDC LED drivers and is rated for indoor installations. The daylight harvesting sensor utilizes a Bluetooth Low Energy (BLE) mesh network. Dim levels and schedules can be set through LSI AirLink Blue iOS app.

FEATURES & SPECIFICATIONS

Construction

- Daylight harvesting sensor provides multi-level wireless lighting control based on available ambient daylight.
- Weight 10oz (283.5g).

Operation

- Daylight harvesting sensor utilizes Bluetooth Low Energy (BLE) mesh network.
- Multiple fixtures can be grouped to be controlled by a single external daylight harvesting sensor. Controls 0-10 VDC LED drivers and is rated for indoor installations.
- Programmable settings can be set through LSI AirLink Blue iOS app.
- Parameter profiles, password protection and real time feedback from the sensor can speed up configuration and provide custom user control.
- Max Bluetooth range is 100'(30m) line of sight and highly dependent on the integration of fixtures, surrounding environment. It is recommended to conduct testing for range accuracy.

Electrical

- 120-277 VAC, 60Hz power pack

Installation

- The daylight harvesting sensor should be located directly above the surface where you want to maintain the desired level.
- No direct sunlight should fall on the sensor and make sure the influence of the sunlight on the sensor is eliminated by mounting the sensor at the appropriate distance from the window.
- The sensor field of view should be as close as possible to the surface covered by the controlled light fixtures and the sensor controls only the light contributing to the field of view.
- Avoid direct influence of the light from the luminaire on the light sensor. The angle of the light sensor and the light distribution of the corresponding luminaire must be taken into account.
- Daylight harvesting sensors should not be installed above a highly reflective surface.
- The view of the sensor should not be obstructed.
- Install at least one sensor per daylight zone.
- Operating temperature range of 0°C to +40°C (32°F to 104°F).
- LED Indicators
 - Green LED (Network Status)**
 - Fast blink (300ms cycle) Unprovisioned
 - Slow blink (2000ms cycle) Provisioned
 - Blink twice Mesh packet received
 - Long blink Factory reset

Warranty

- 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- FCC
- IC
- Bluetooth
- CE
- UL

ORDERING GUIDE

Catalog Number Suffix	Description	Part Number
ALBCM DHS	AirLink Blue daylight harvesting sensor white	760580





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PRODUCT DIMENSIONS

