



AirLink™ Blue

Technology Partner **SILVAIR**

Circuit Controller and Ceiling Motion/Daylight Harvesting Sensor



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

FEATURES & SPECIFICATIONS

Construction

- Provides multi-level wireless lighting control based on motion and available ambient daylight.
- PIR motion sensor can be configured as an occupancy or occupancy and daylight harvesting sensor.
- Weight less than 16 oz (454 g).

Operations

- Utilizes Bluetooth Low Energy (BLE) mesh network.
- Multiple fixtures can be grouped to be controlled by a single ceiling motion and daylight harvesting sensor. Controls 0-10 VDC LED drivers and is rated for indoor installations.
- 360 degree PIR motion sensor can be configured as an occupancy sensor or occupancy and daylight harvesting sensor. Occupancy sensor turns lights on automatically when motion is detected and turns lights off automatically after the area is vacated.
- Programmable settings include length of time delays and sensor range and 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 sensor coverage area 16ft diameter at 9ft mounting height (5m at 2.7m mounting height) for size 1 lens and 48ft diameter at 40ft mounting height (14.6m at 12.1m mounting height) for size 2 lens. Results may vary based on mounting height, temperature, types of clothing and backgrounds.
- 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

- 120-277VAC, 50-60Hz controller.
- 5A max input current / 600W Max
- Standby power <1W

Installation

- Mounts up to 9 or 40 feet in height via 1/2 inch trade size hole. Electrical j-box required for installation of controller and for wiring connections.
- Install along routes with expected traffic and conduct testing along these routes.

- PIR detection is 360° coverage pattern and is best suited for areas with a clear line of sight and good air circulation.
- Operating temperature range of 0°C to + 60°C (32°F to 140°F).

Warranty

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

Listings

- FCC
- Bluetooth
- CE
- UL

ORDERING GUIDE

Catalog Number Suffix	Description	Part Number
ALBC 5A OS1 UNV	AirLink Blue Circuit Controller (5A) and Ceiling Motion/Daylight Harvesting Sensor max 9 ft Mounting Height White	755248
ALBC 5A OS2 UNV	AirLink Blue Circuit Controller (5A) and Ceiling Motion/Daylight Harvesting Sensor max 40ft Mounting Height White	755245
ALBC 5A UNV	AirLink Blue Circuit Controller (5A)	755249



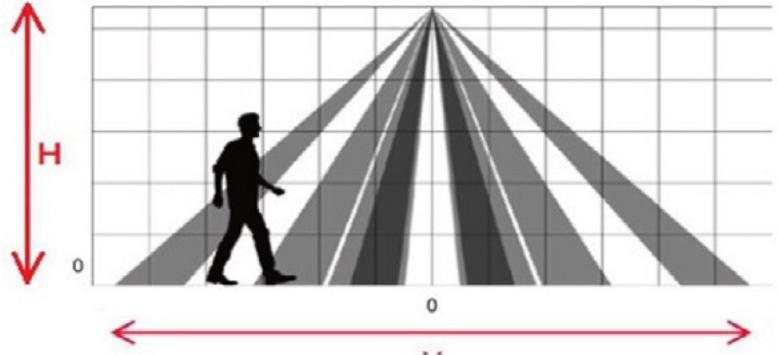
PERFORMANCE

Size 1 lens

H	X	Y
7.9' (2.4m)	13.1' (4m)	13.1' (4m)
8.9' (2.7m)	16.4' (5m)	16.4' (5m)

Size 2 lens

H	X	Y
10' (3.04m)	12' (3.65m)	12' (3.65m)
20' (6.09m)	24' (7.31m)	24' (7.31m)
30' (9.14m)	36' (10.9m)	36' (10.9m)
40' (12.1m)	48' (14.6m)	48' (14.6m)



PRODUCT DIMENSIONS

