AirLink™ Blue Motion & Photo Sensor Module
Wireless Lighting Control

PRODUCT INFORMATION

ACCESSORY TYPE	Wireless Lighting Control
CATALOG NUMBER	ALBCS
APPROVED BY	

FEATURES & SPECIFICATIONS

Description:
The AirLink Blue motion and photo sensor controller provides multi-level control based on motion and/or daylight. Multiple fixtures can be grouped to be controlled by a single sensor.

Controls 0-10 VDC LED drivers and is rated for cold and wet locations. Control parameters are adjustable via an iOS App capable of storing and transmitting sensor profiles.

The addition of an AirLink Blue Time Keeper adds the ability to schedule multiple events based on time of day or Astronomical clock.

Configuration is made using the Airlink Blue App from a smartphone or other Bluetooth enabled iOS device.

Construction:
Bluetooth Mesh radio pairs with iOS applications for initial system setup and subsequent adjustments or changes.

Quad element PIR sensor with 360 degree coverage pattern.

Fresnel lens options for mounting heights up to 40 feet.

Built in day/night photo sensor

Sensor housing is white polycarbonate

Sensor settings are stored and maintained in the event of a power failure

Red LED motion indicator

Electrical:
Class 2 device with a 0-10V configurable dimming output

Operates on 12-24 VDC from either a 120- 277V power pack or auxiliary output driver

Controls:
Range (Line of sight)

Phone App to fixture range 100 feet

Fixture to Fixture range 150 feet

Up to 150 fixtures per zone

Installation:
Designed for installation on the underside of a luminaire housing in a horizontal orientation.

IP65 rated

Rated for use in -4°F to 140°F (-20°C to 60° C) environments

Listings:
UL Listed

FCC

CE

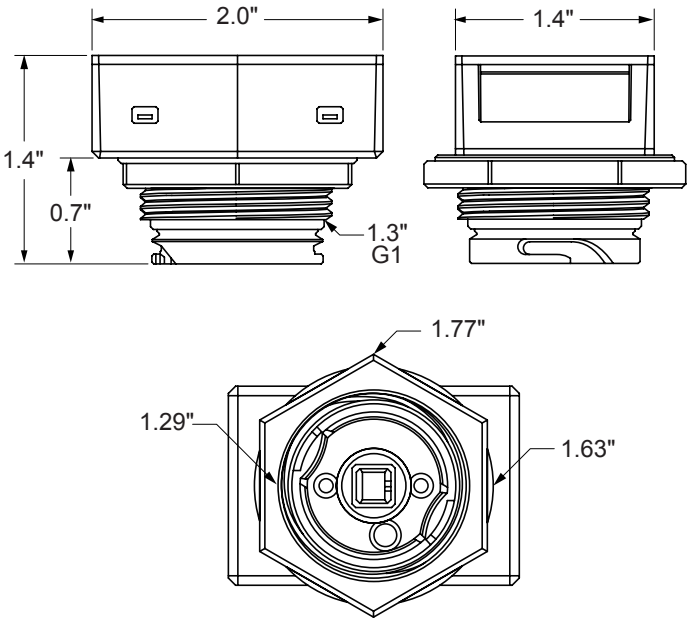
Bluetooth

Warranty:
Five-year limited warranty

OVERVIEW

SIGNAL (WIRELESS)	Bluetooth
SENSOR COVERAGE RANGE (FT)	8 - 40
MAX MOUNTING HEIGHT (FT)	40
COVERAGE AREA (FT^2)	1,200
OPERATING TEMPERATURE F (C)	-4 - 140 (-20 - 60)

DIMENSIONS



Atlas Lighting Products, Inc.
PO Box 2348 | Burlington, NC 27216
800-849-8485 | www.atlasled.com
rev. 071125

*The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components. Meets Buy American requirements within the ARRA.

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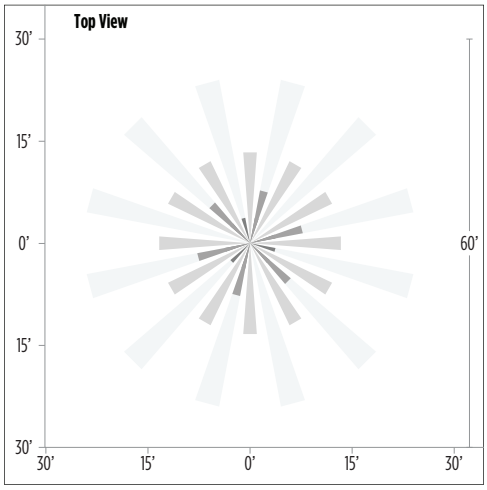
ORDERING GUIDE

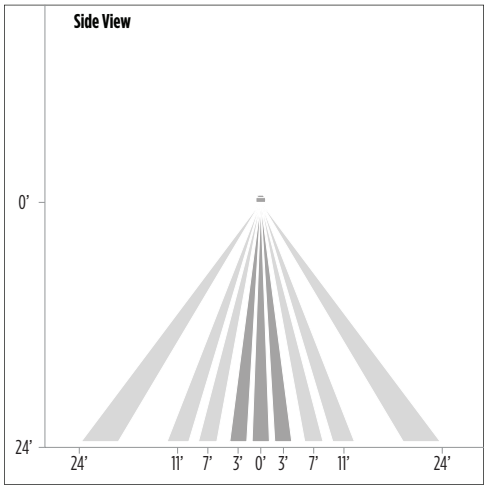
TYPICAL ORDER EXAMPLE: ALBCS

PREFIX	DESCRIPTION	PART NUMBER
ALBCS1	AirLink Blue Motion and Photo Sensor 8-24' Mounting Height	809708
ALBCS2	AirLink Blue Motion and Photo Sensor 25-40' Mounting Height	

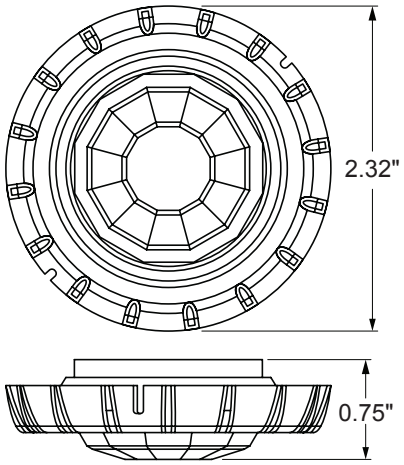
COVERAGE

ALBCS1 SIGNAL RANGE 8-24' (2.5-7.3 M) - 360° COVERAGE

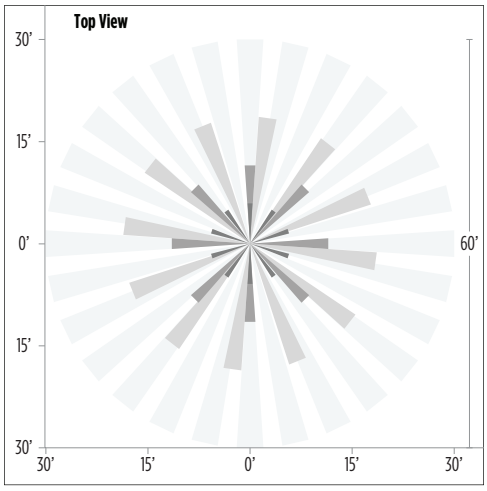


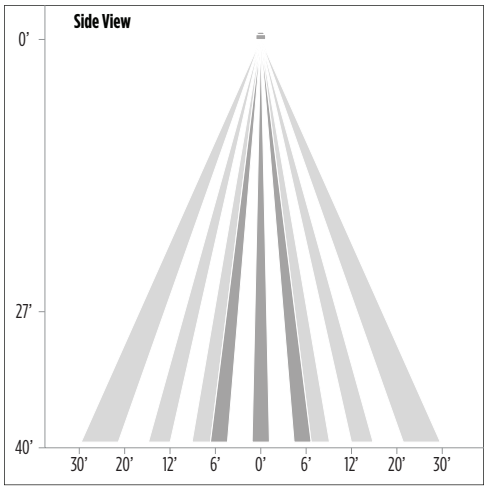


ALBCS1

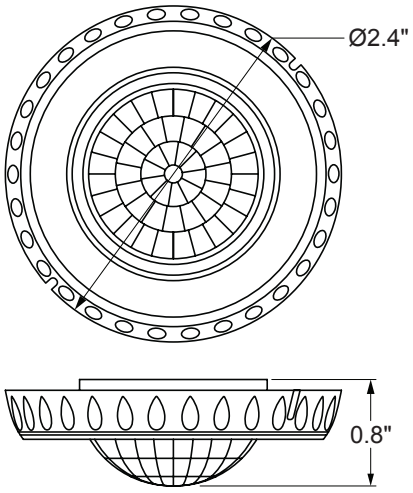


ALBCS2 SIGNAL RANGE 25-40' (7.6-12 M) - 360° COVERAGE





ALBCS2



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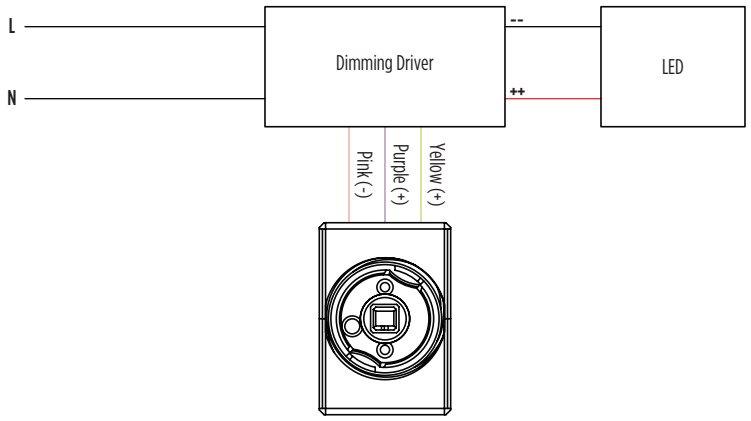
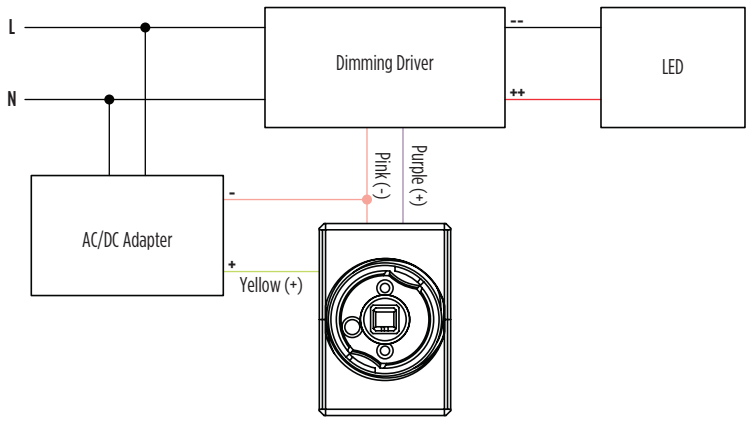
PRODUCT WIRING

WIRING WITH 12-24V DC WIRE DIMMING BALLAST OR LED DRIVER



WIRING BY AC/DC ADAPTER WITH DIMMING BALLAST OR LED DRIVER



AIRLINK BLUE

AirLink Blue (ALBCS):
Wireless Bluetooth Mesh Lighting Control System that provides energy savings, code compliance and enhanced safety/security for indoor and outdoor lighting applications. Key components include Bluetooth wireless sensors, control modules, astronomic time keeper, and manual override wall controls all configured from the AirLink Blue iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling timebased events by zone. Sensors and controllers can be factory installed and integrated into fixtures or external control modules can be utilized by hard wiring to fixtures in the field where fixture integration is not possible.

AirLink Blue App

Apple

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