



PROJECT NAME

CATALOG NO.

TYPE

DATE

NOTE

WIRELESS SMART CONTROL SYSTEM

ASMC
Wireless Smart Control System

DESCRIPTION

The Alphalite Wireless Smart Control System is an ideal choice to provide convenient control of lighting. The LED controller uses wireless technology to communicate with other self-powered products in the system and provides an amazingly simple solution for dimming control of LED lighting

APPLICATION

Versatile solution for general purpose applications. Ideal for multi-level building, offices, school, warehouse, manufacturing facilities, and spaces that demand energy demand reduction and high quality light.



SPECIFICATION FEATURES

Benefits

- Reliable, longer indoor range wireless communication
- Easy Design-in
- License-free
- Self-powered
- Lower energy costs
- Lower installation costs
- Strength of interoperability
- Convenient access to replaceable, standard components reduces life cycle costs

Electrical

902 MHz Self-powered communication achieves enhanced range and increased receiver sensitivity in parallel.

Certifications / Regulatory

LED Controller has UL and ETL approval. All components have FCC certification. Title 24 compliant.

Warranty

5-year limited warranty. See complete warranty terms for details.

ORDERING INFORMATION

ASMC-LEDRU - LED Controller 0-10V

Power Supply	120V-277V, 60Hz
RF Communications	902 MHZ.
Transmission Range	80ft. (25m)
Environment	Indoor use only 32-140°F (0-60°C)



ASMC-SRPU - Single Rocker Pad

Power Supply	Mechanical Energy Harvesting
RF Communications	902 MHZ.
Transmission Range	80ft. (25m)
Environment	Indoor use only 32-140°F (0-60°C)
Dimensions	Single: 4.95"H x 3.21"W x 0.74"D Double: 4.95"H x 4.52"W x 0.72"D

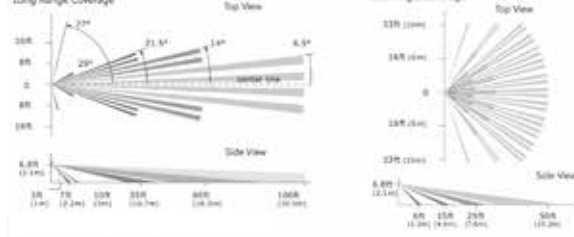


ASMC-DRPU - Double Rocker Pad

ASMC-SWU - Occupancy Sensor (Wall Mounted)

Power Supply	Indoor light energy harvesting (Optional) Supplemental battery or 2-wire connector for external power or remote solar cell.
RF Communications	902 MHZ.
Transmission Range	80ft. (25m)
Motion Detection Range	50ft. (15m) wide angle/ 100ft. (30m) long range lens
Sustaining Charge Time	3 hours per 24 hours @ 200 lux
Dimensions	5.83"H x 2.52"W x 1.8"D
Mounting Height	6-8ft. (1.8-2.5m) recommended

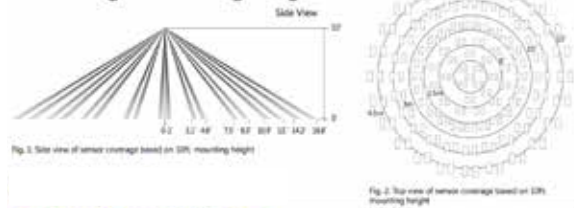
Sensor Range and Coverage Diagrams



ASMC-SCU - Occupancy Sensor (Ceiling Mounted)

Power Supply	Indoor light energy harvesting (Optional) Supplemental battery or 2-wire connector for external power or remote solar cell.
RF Communications	902 MHZ.
Transmission Range	80ft. (25m)
Motion Detection Range	34ft. (10m) diameter
Sustaining Charge Time	3 hours per 24 hours @ 200 lux
Dimensions	6.5"H x 2.36"W x 1.47"D
Mounting Height	7-10ft. (2-3m) recommended

Sensor Range and Coverage Diagrams



ASMC-COMM300U

ASMC-COMM300U can be used to associate (link) supported sensors and switches with these controllers to form advanced control systems. In addition, advanced configuration parameters can be defined using the PC-based user interface. Configuration settings can be saved and restored or cloned to enable quick configuration of multiple controllers. Interactive help is available in the form of a guided walk-through process.

USB Connector	Type A
Weight	12g (0.42 oz.)
RF standard	868 MHz ERP1
Antenna	Integrated chip antenna
LED indicator	USB bus activity Power supply
Environment	Indoor use only / 0° to 40° C (32° to 104° F) 20% to 85% relative humidity (non-condensing)
Agency compliance	CE, RoHS

