



Catalog #: \_\_\_\_\_ Project: \_\_\_\_\_

Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_ Type: \_\_\_\_\_

**AirLink**<sup>™</sup>  
enabled by **SYNAPSE**

## Wireless Digital Lighting Controller

The ALSDC is a California Title 24 compliant lighting controller that provides real-time monitoring and control of the lighting system with utility-grade power monitoring. ALDCS includes a 24V sensor input and power supply to connect up to two (2) sensors into the AirLink Outdoor wireless lighting control system.



### FEATURES & SPECIFICATIONS

#### Construction

- Seamlessly integrates into the AirLink wireless outdoor lighting control system. It is a self-healing mesh networking solution
- Directly connect up to two (2) 24V occupancy sensors or photocells
- Secure, over-the-air upgrades to support future enhancements
- Dimensions: 3" L x 2.3" W x 1.3" H (76mm L x 59mm W x 33mm H) without antennas

#### Electrical

- Powered by any isolated class 2, 5-24V, DC supply, 700mW max
- Sensor inputs: 0-10V (analog), 0-24V (digital)
- Supports a wide range of LED drivers and fixtures

#### Controls

- Radio: SNAP 2.4 GHz; 802.15.4; +20 dBm transmit power; -105 dBm receive sensitivity
- Excellent RF Range — 500 ft line of sight between controllers
- Dimming control via: DALI 2 or 0-10V
- DALI 2 - controls up to 8 drivers
- 0-10V 10mA
- 2% Utility Grade Power Monitoring

#### Installation

- Factory installed into the luminaire
- Operating environmental: -40°F to 158°F (-40°C to 70°C).

#### Warranty

- LSI LED fixtures carry a 5-year warranty

#### Listings

- CE certified
- FCC certified
- IC certified
- California Title 24 compliant





# Wireless Digital Lighting Controller

## ORDERING GUIDE

Catalog Number	Description
ALSDC	AirLink Outdoor - wireless digital lighting controller

## WIRING

