

### **Product Overview**

The **DIM10-087-06** embedded wireless controller opens up an exciting integration path for LED fixtures. Its smaller size and lower cost point makes this DCpowered wireless controller versatile enough to be embedded in nearly any medium to high wattage LED fixture.

Pairing the DIM10-087-06 with a SimplySNAP Site Controller makes it easy for your customer to comply with ASHRAE, Title 24, and other energy requirements today and in the future

# **DIM10-087-06**

# DALI-2/ DIM to OFF Wireless

## **Lighting Controller**



#### Powered by the LED Driver

#### Features

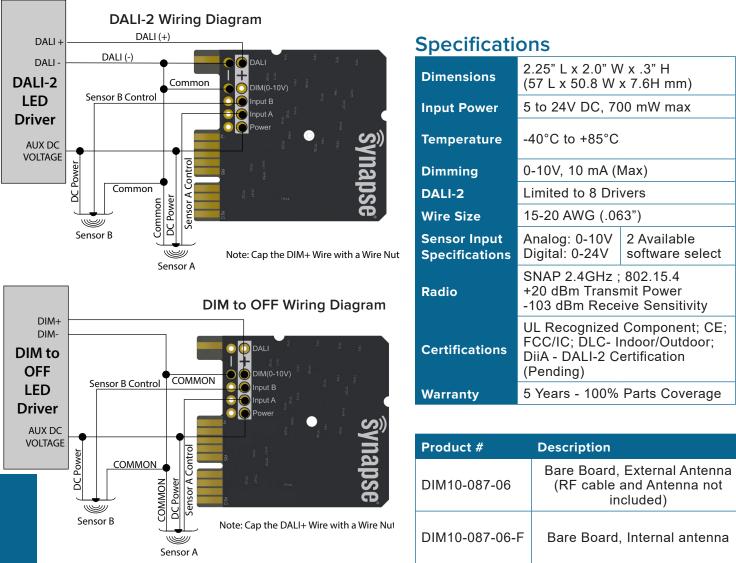
- Simplified DC Design mates with LED Drivers
- Small footprint allows for easier integration
- Less Labor, Less Wires, Quicker Time-to-Market
- More Reliable No Mechanical Relay
- DALI-2 Compatible Bus Power Monitoring and Dimming via Bus
- DIM to OFF Compatible with 0-10V Dimming (No Power Monitoring)
- Powered via Aux LED Driver Power
- Self-healing 2.4GHz SNAP Mesh Networking
- Seamless SimplySNAP Integration
- Secure, over-the-air software upgrades
- 2 Sensor Inputs: DC motion Sensors/0-10V Photo Cells
- DLC Certification for both Indoor and Outdoor
- Secure AES128 Encryption

#### Future DALI-2 Enhancements

- Fixture Run Time in Hours
- Fixture Model Data
- LED Driver Model Data
- Surge Detection
- Over Temperature
- Over Current
- DALI-2 Sensors
- White Color Tuning (2700K to 600K)

To learn more, call or visit: synapsewireless.com (877) 982-7888

# DIM10-087-06 Wiring Diagram Examples



Note: Deployment is for inside fixtures only. Do NOT use in a fixture to fixture design.

#### u.FL RF cable and Antenna Options - optional for DIM10-087-06 model

Part #	Description
KIT-ANTUFL18-01	OUTDOOR ANT, RIGHT ANGLE, U.FL, 18" CBL, 14MM BULKHEAD, O-RING
KIT-ANTUFL18-02	OUTDOOR ANT, STRAIGHT, U.FL, 18" CBL, 14MM BULKHEAD, O-RING
KIT-ANTUFL18-03	OUTDOOR ANT, RIGHT ANGLE STUB, U.FL, 18" CBL, 14MM BULKHEAD, O-RING
KIT-ANTUFL18-04	OUTDOOR ANT, STRAIGHT STUB, U.FL, 18" CBL, 14MM BULKHEAD, O-RING

#### SimplySNAP Site Controllers - required for all SimplySNAP deployments

Part #	Description
SS420	SImplySNAP Site Controller, WiFi, Industrial Metal Enclosure
SS450	SimplySNAP, WiFi, Verizon LTE, Industrial Metal Enclosure

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