DIM10-087 Series

Wireless Lighting Controller

Specification Data	
Job Name	
Type	
Catalog #	
Comments	



Powered by the LED Driver

Product Overview

The **DIM10-087** is a California Title 24 compliant lighting controller that provides for the remote, wireless control of lighting for both indoor and outdoor commercial applications. Powered by compatible LED drivers, its compact design and flexible deployment options make it ideal for placement in a wide array of fixtures.

The DIM10-087 series controller comes in two models: one that requires an external antenna and one that has an internal F antenna.

Product #	Description
DIM10-087-00	Wireless Lighting Controller, external antenna required (not included)
DIM10-087-00-F	Wireless Lighting Controller, internal antenna

Features

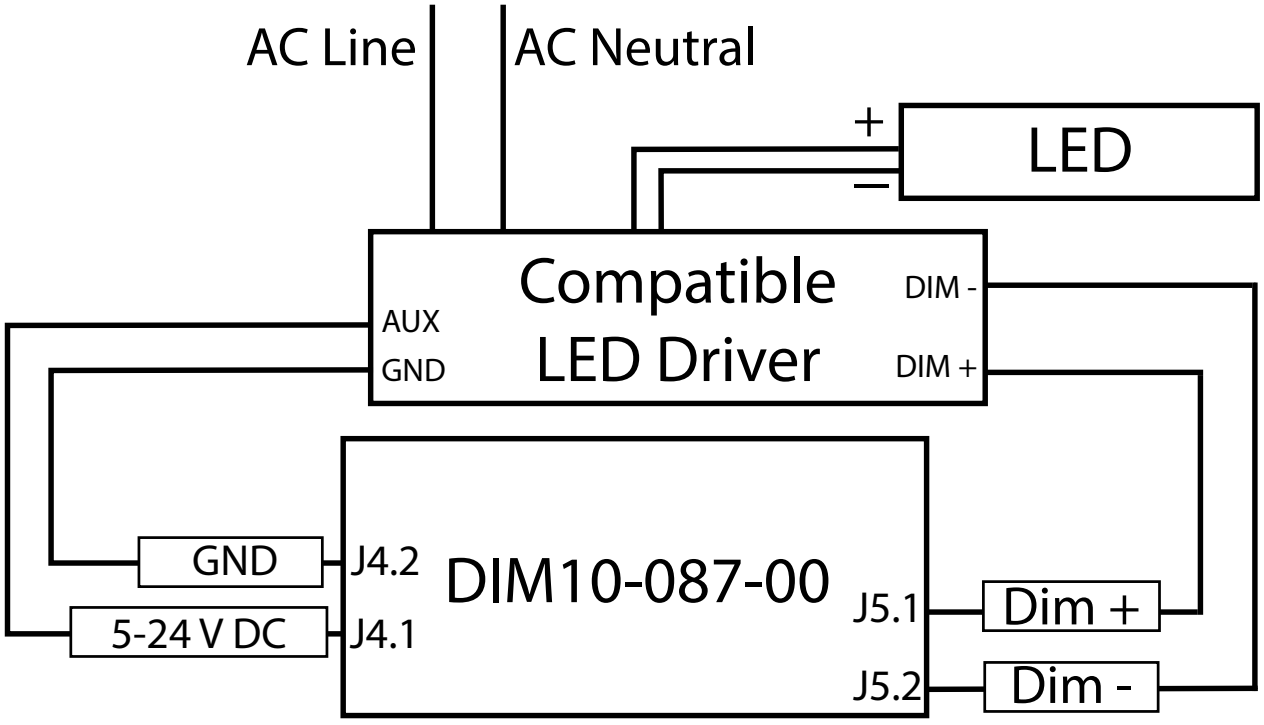
- No AC Power required - Powered from Compatible LED Drivers with Auxillary 5-24V DC output
- Self-healing SNAP Mesh Networking
- Seamlessly integrates into the SimplySNAP lighting control
- Control dimming to a wide-range of LED fixtures
- Secure, over-the-air upgrades to support future enhancements
- Quick Connect Header
- Secure, over-the-air upgrades to support future enhancements
- 0 – 10 Volt Dimming

Dimensions	2” L x 1.6” W x .3” H (51 mm L x 40.7mm W x 6.4H)
Input Power	5 to 24V DC, 1.2 W max
Operating Environment	-40°C to +85°C
Dimming Control	0-10V
Dimming Output	10 mA (Max Source/Sink)
Radio	SNAP 2.4GHz ; 802.15.4 +20 dBm Transmit Power -103 dBm Receive Sensitivity
Certifications	UL Recognized Component; CE; FCC/IC
Warranty	5 Years

Lighting Controllers

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(877) 982-7888

DIM10-087 Wiring Diagram



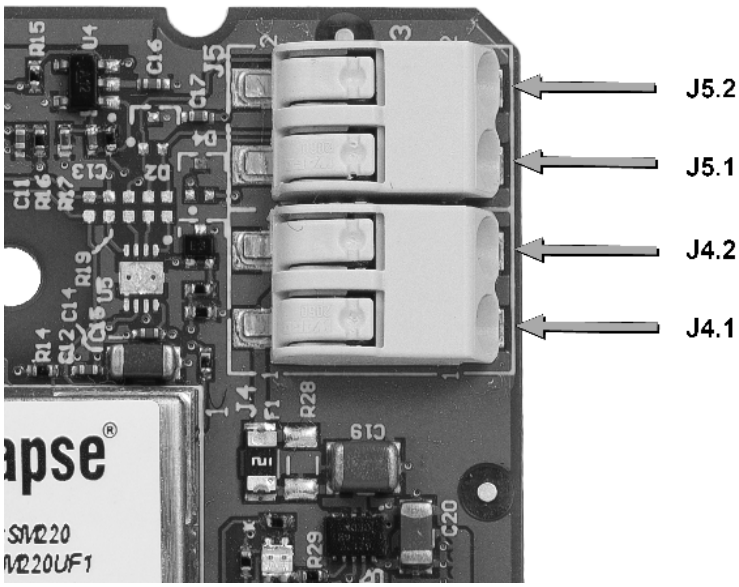
LED Driver Requirements:

- Must provide output power rating of 1.2W @ 5 - 24V DC
- Must support "Dim-to-off" or "True off"

Dimming	
J5.2	Dim -
J5.1	Dim +

Input Voltage	
J4.2	GND
J4.1	5-24V DC

Terminal Block Connector Pin-out



u.FL cable and Antenna Options - required for DIM10-087-00 model

Part #	Description
GLP-KIT-ANTUFL18-01	Right Angle Antenna Kit: 18" u.FL to 14mm female bulkhead + Outdoor Fixed Right Angle Antenna (ANT-2.4-ORB-RPM-1.5-01) + Oring
GLP-KIT-ANTUFL18-02	Straight Angle Antenna Kit: 18" u.FL to 14mm female bulkhead + Outdoor Straight Antenna (ANT-2.4-OSB-RPM-1.5-01) + Oring

Lighting Controllers

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