

Project	
Notes	
Type	Date
Cat. No.	

LDCM-PL

Linear Dimming Control Module - Plenum Rated

DESCRIPTION

The AleoBlue linear dimming control module plenum rated (LDCM-PL) takes a 0-10V dimming signal and a fixed line voltage input and converts it to a reverse phase dimmed output for up to 1000W with a 277V load and 450W on a 120V load. One LDCM can be used per run up to the maximum wattage. LDCM-PL is rated to directly mount to a junction box in a plenum space for easier installation and to meet building requirements.

APPLICATIONS

Indoor: Open offices, Individual offices, Conference rooms, Classrooms, Retail stores, Hospitals, Lobbies.



Specification Features

Features

- Dims reverse phase only fixtures with 0-10V
- Simple installation
- Direct J-Box mount
- 120V and 277V compatible
- Auto-sensing voltage switch
- 450W @ 120V, 1000W @ 277V
- Plenum rated
- One LDCM per fixture run

Certification

ETL Listed.

Warranty

5-year Limited Warranty. See warranty documentation for more information.

Performance Summary

ELECTRICAL	
Power Rating	450W MAX @ 110-120V 1000W MAX @ 277V
Max Fixture Run Length	Calculate maximum run per LDCM unit based on the power consumption of the fixture used
Operating Voltage	110VAC-120VAC, 277VAC - Auto-Sensing Voltage Switch
Operating Hertz	60Hz
Startup Temp.	-4°F to 104°F (-20°C to 40°C)
Operating Temp.	-4°F to 104°F (-20°C to 40°C)
Storage Temp.	-4°F to 176°F (-40°C to 80°C)
CONTROL	
Dimming	110-120VAC; Reverse Phase; Converted from 0-10V Controller 277VAC; Reverse Phase; Converted from 0-10V Controller
PHYSICAL	
Dimensions	W 3.4" x H 2" x L 7" ; (87mm x 50mm x 178mm)
Housing/Lens	Injection Molded Polycarbonate
Connectors	Lead Wire 6" from Conduit
Weight	0.99 lbs. (0.45kg)
Environment	ETL Damp Location
Mounting Options	Conduit Mounting for Both Sides



LDCM-PL

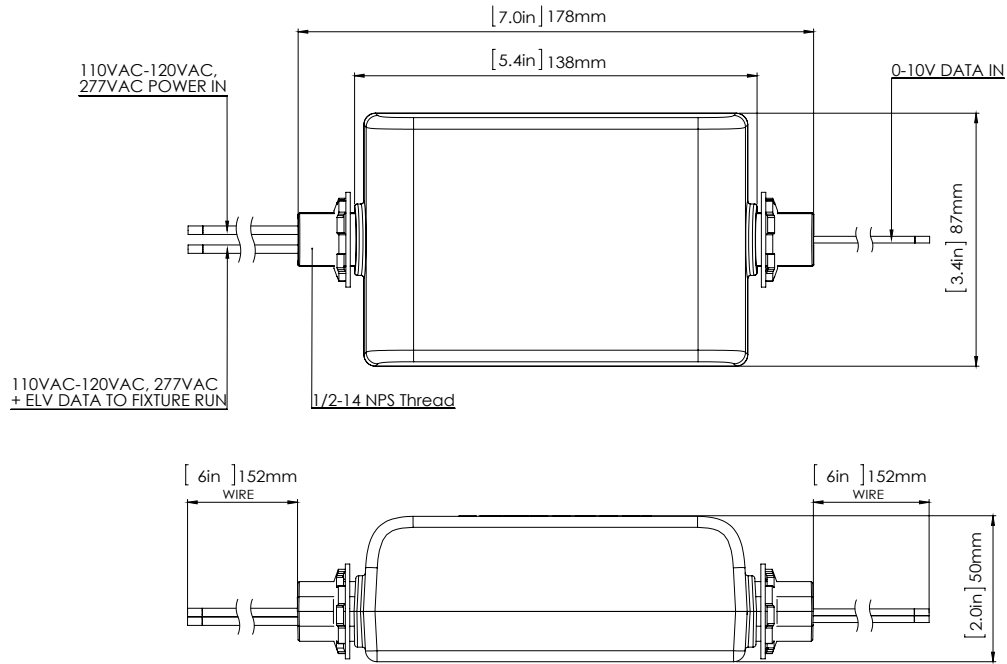
Linear Dimming Control Module - Plenum Rated

Ordering Information

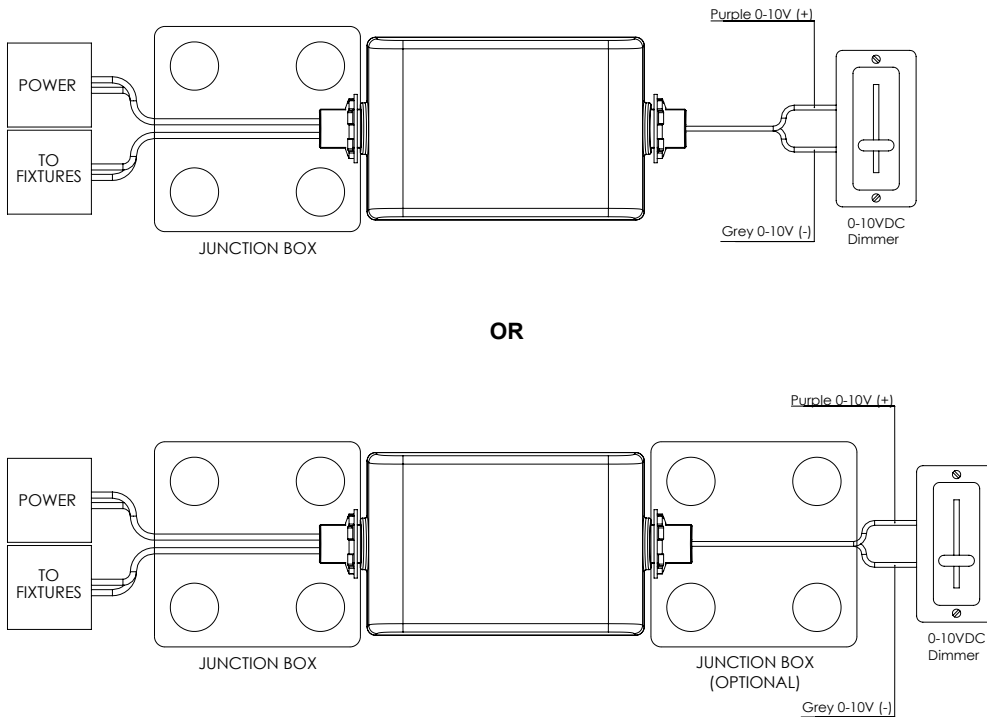
Example: LDCM-PL - 120-277 - 010V - GR

LDCM	PL	120-277	010V	GR
Type	Series	Voltage	Control	Color
LDCM Linear Dimming Control Module	PL Plenum Rated	120-277 110VAC- 120VAC, 277V Auto- Sensing Voltage Switch	010V 0-10V	GR Gray

Dimensions



Wiring Diagram



Specifications and Dimensions subject to change without notice.