

Project Name _____
 Catalog # _____
 Type _____
 Notes _____



87-402

Sensorless Controller Node

The DOMINO™ Sensorless Controller Node is a compact, control module designed for seamless integration into select DOMINO™ downlights. Engineered with Bluetooth® mesh connectivity and an enhanced antenna design, it supports extended wireless communication – for addressable dimming and CCT control of recessed lights. The polycarbonate housing ensures reliable performance in, while its simplified factory-reset functionality enables fast reconfiguration in the field. Compatible with 12V auxiliary outputs and dim-to-off LED drivers, this node delivers robust, fixture-level control in commercial lighting applications.

FEATURES

- Enhanced antenna design for extended range
- Bluetooth® mesh network for wireless communication
- Direct control- no hub or gateway needed
- Easy commissioning with DOMINO™ App (Available in IOS and Android)

GENERAL SPECIFICATIONS

Voltage	DC 12V
Input Current (Amps)	41mA Max
Sinking Current	10mA Max
Operating Temperature	-30°C to 65°C, -22°F to 149°F
Location Rating	Dry
IP Rating	IP20
Communication Protocol	Bluetooth Mesh
BLE Control Node	Yes
Bluetooth Mesh Range	200 ft
Software Supported	DOMINO™ App
Upgradeable Firmware	Yes
Sensor Type	Sensorless
Sensor Detection Height	N/A
Sensor Mounting Type	Fixture Mount
Dimming Technology	DOMINO™ Bluetooth Mesh
Tuneable Capable	Yes
Encryption	128-bit AES-CCM
Cybersecurity	UL1376
Radio Frequency	2.4GHz ± 75MHz
Factory Reset Type	Magnet

ORDER INFO

ITEM	DESCRIPTION	UPC
87-402	Sensorless Controller Node	045923874024

CONSTRUCTION

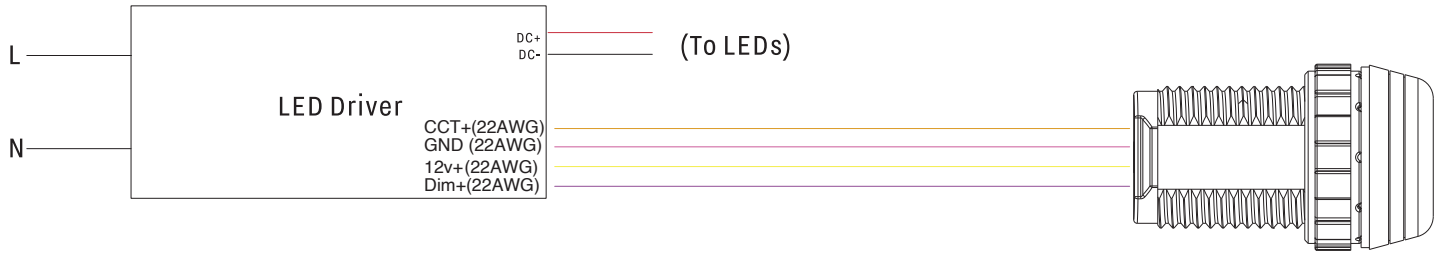
Construction Material	Thermoplastic
Construction Finish	White
Connector Port	Hardwired

COMPLIANCE

Safety Listing	UL
FCC	Yes
FCC ID Number	2A26YLTKTVT2021
ICES-005	Yes
DLC Classification	DLC NLC Listed
DLC ID	N-XS2QN3
Warranty	5 Year

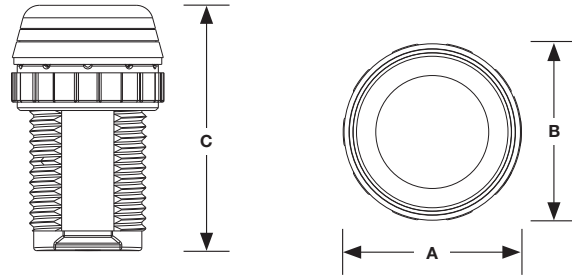


WIRING



DIMENSIONS

Length (A)	Width (B)	Height (C)
1.1" (26.8mm)	1.1" (26.8mm)	1.72" (43.6mm)



DOWNLOADS



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION - RISK OF ELECTRIC SHOCK. Do not use if outer lamp envelope is damaged or broken.

WARNING: Some products included in this specification sheet may be subject to the warning requirements of California's Proposition 65. Please refer to your product packaging for more information.

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Specifications are subject to change without prior notice.