

Project Name \_\_\_\_\_  
 Catalog # \_\_\_\_\_  
 Type \_\_\_\_\_  
 Notes \_\_\_\_\_

## Long-Range Time Clock Synchronization Module

### USB Powered, Battery Backup with Extended Range Antenna



87-702

The DOMINO™ Long-Range Time Clock Module is a high-performance USB dongle designed to synchronize device schedules across a large-scale DOMINO™ networked lighting system. Equipped with a real-time clock (RTC) and internal battery backup, it maintains accurate timekeeping during power loss to support reliable automation. The module includes a TX1 antenna for communication up to 860 feet and can be powered via USB or accessory connection. It serves as a centralized sync hub for outdoor or distributed applications requiring extended Bluetooth® mesh coverage.

#### FEATURES

- Powered by standard 5V USB-A port
- Includes CR2032 battery to keep time during a power outage
- 8-10 year battery life
- Extended antenna range up to 860 ft
- 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

<b>Voltage</b>	USB 5V
<b>Operating Temperature</b>	-33°C to 65°C, -22°F to 149°F
<b>Location Rating</b>	DRY
<b>IP Rating</b>	IP20
<b>Communication Protocol</b>	Bluetooth Mesh
<b>Bluetooth Mesh Range</b>	860 ft
<b>Software Supported</b>	DOMINO™
<b>Upgradeable Firmware</b>	Yes
<b>Cybersecurity</b>	UL1376
<b>Encryption</b>	128-bit AES-CCM
<b>Radio Frequency</b>	2.4GHz ± 75MHz

#### ORDER INFO

ITEM	DESCRIPTION	UPC
87-702	Long-Range Time Clock Synchronization Module	045923877025

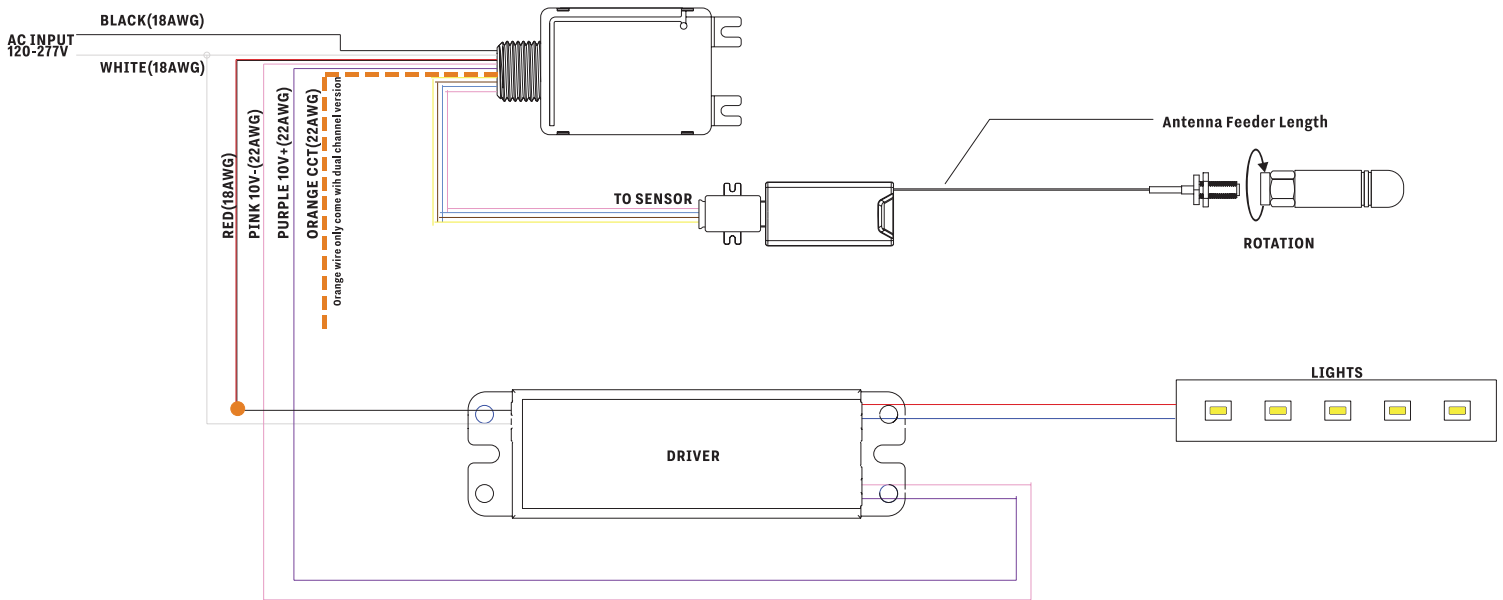
#### CONSTRUCTION

<b>Construction Material</b>	Thermoplastic
<b>Construction Finish</b>	White
<b>Connector Port</b>	USB-A
<b>Battery Type</b>	CR2032 (For backup only, included)

#### COMPLIANCE

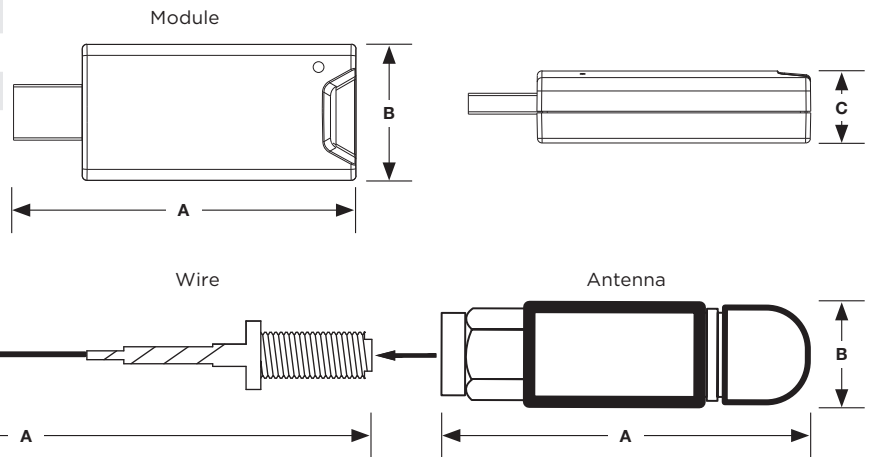
<b>Safety Listing</b>	UL
<b>FCC</b>	Yes
<b>FCC ID Number</b>	2A26YLTKTVT2022
<b>IES-005</b>	Yes
<b>DLC Classification</b>	DLC NLC Listed
<b>DLC ID</b>	N-XS2QN3
<b>Warranty</b>	5 Years

## WIRING



## DIMENSIONS

Item	Length (A)	Width (B)	Height (C)
Module	3.03" (76.96mm)	1.15" (29.21mm)	0.47" (11.94mm)
Antenna	1.1" (27.94mm)	0.31" (7.87mm)	N/A
Wire	6.69" (169.93mm)	N/A	N/A



## 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.