

Operation Guide

Thank you for purchasing the Larson Electronics **CL1B-MS-TD-1227** LED beacon. Follow the steps below for installing and maintaining your unit.

Installation

- Carefully unpack the unit and place it near your mounting location.
- Mount the beacon in your desired location using the three predrilled holes located on the base. Wire routing should be taken into consideration when choosing a mounting location. This unit allows indoor or outdoor mounting as long as the appropriate wire routing is used.
- We strongly recommend that only a licensed electrician install this product.

120-240V AC MODEL (-1227)

BLACK or BROWN (HOT)

WHITE or BLUE (NEUTRAL)

View wire diagram on page 2.

Flash Patterns

The CL1B LED Beacon is programmed with 30 different flash patterns listed below.

Synchronous Flash Patterns

FP1: Single Alert 75 PHASE 1 (sim)	FP12: Single Flash 150 PHASE 2 (sim)
FP2: Single Alert 75 PHASE 2 (sim)	FP13: Single Flash 75 PHASE 1 (sim)
FP3: Quad Flash 75 PHASE 1 (sim)	FP14: Single Flash 75 PHASE 2 (sim)
FP4: Quad Flash 75 PHASE 2 (sim)	FP15: Single Alert 75 (alt)
FP5: Double Flash 150 PHASE 1 (sim)	FP16: Quad Alert 75 (alt)
FP6: Double Flash 150 PHASE 2 (sim)	FP17: Double Flash 150 (alt)
FP7: Double Flash 75 PHASE 1 (sim)	FP18: Double Flash 75 (alt)
FP8: Double Flash 75 PHASE 2 (sim)	FP19: Single Flash 375 (alt)
FP9: Single Flash 375 PHASE 1 (sim)	FP20: Single Flash 150 (alt)
FP10: Single Flash 375 PHASE 2 (sim)	FP21: Single Flash 75 (alt)
FP11: Single Flash 150 PHASE 1 (sim)	

(sim): Front and rear LEDS fire simultaneously
LEDS alternate

(alt) Front and rear

Non-synchronous Flash Patterns

FP22: Single Alert 75 PHASE 1 (sim)	FP27: Single Flash 150 PHASE 2 (sim)
FP23: Single Alert 75 PHASE 2 (sim)	FP28: Single Flash 75 PHASE 1 (sim)
FP24: Quad Flash 75 PHASE 1 (sim)	FP29: Single Flash 75 PHASE 2 (sim)
FP25: Quad Flash 75 PHASE 2 (sim)	FP30: Single Alert 75 (alt)
FP26: Double Flash 150 PHASE 1 (sim)	

(sim): Front and rear LEDS fire simultaneously
LEDS alternate

(alt) Front and rear

Synchronization

- To Sync two beacons, configure both beacons to display the same Phase 1 pattern.
- With the power off, connect the YELLOW wires from each beacon together.
- When the beacons are activated, their patterns will be synchronized.
- To configure the two light heads to alternate their patterns, advance the pattern of either beacon to the Phase 2 mode of the current pattern.

NOTICE: Do not SYNC more than 8 beacons!

Setting the Flash Pattern

Each pattern can be selected by pressing the momentary toggle switch. The selected pattern will remain during power cycles.

- Less than 1 second for the **NEXT** pattern
- 1 to 3 seconds for the **PREVIOUS** pattern
- 3 to 5 seconds for the **DEFAULT** pattern
- Greater than 5 seconds to **TURN OFF** the beacon

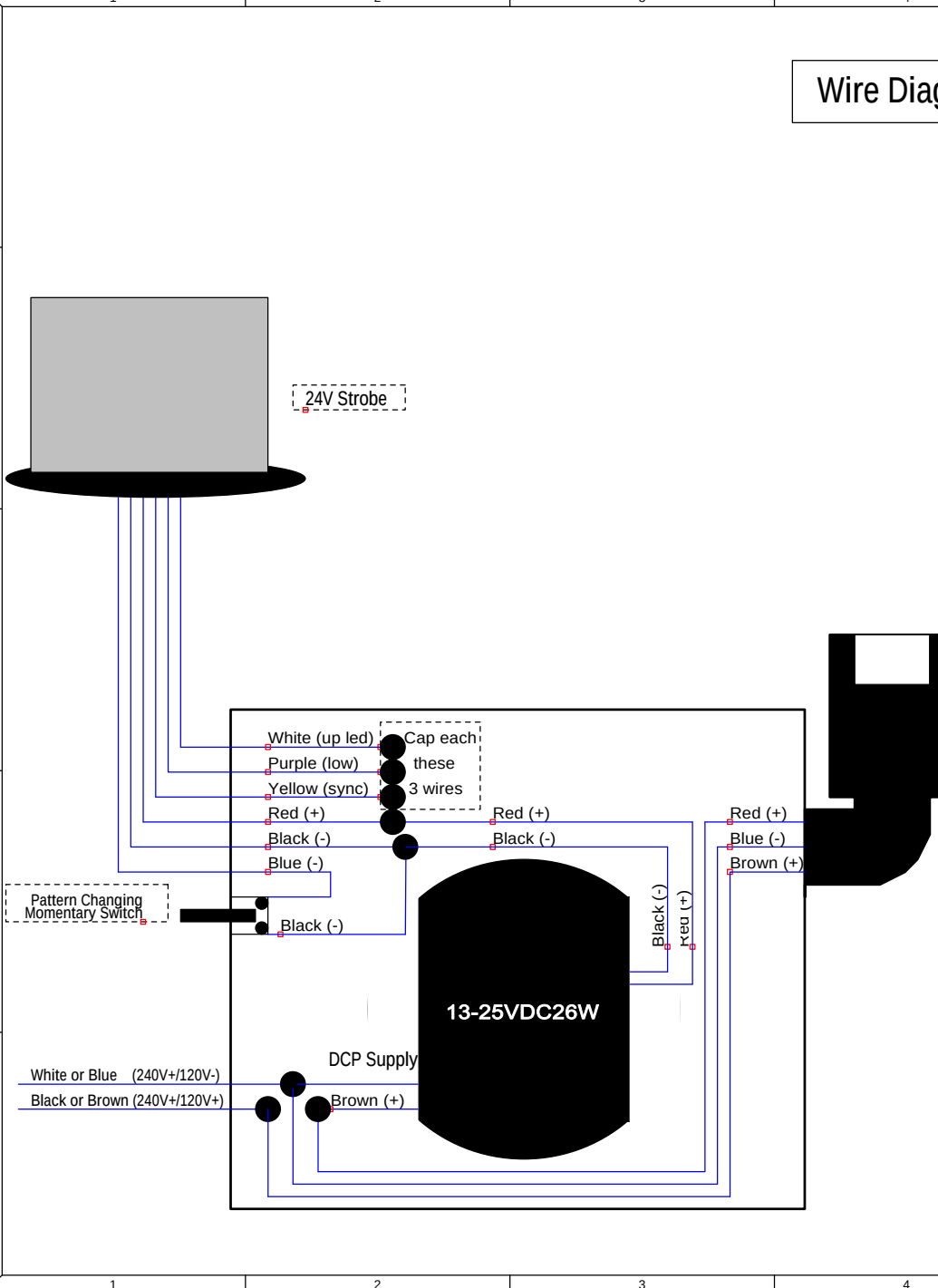
Time Delay Motion Sensor

This unit is equipped with a time delay motion sensor. Choose between **5**, **10**, **15**, or **30** minute settings for the length of time the beacon remains illuminated once motion is detected.



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Wire Diagram



Specifications / Additional Information

CL1B-MS-TD-1227 Flashing Strobe

Lamp Type: LED

Dimensions: 4.5"-High, 6.75" Diameter

Lamp Weight: 4 lbs

Wattage: 14.4

Lumens: 1,440

Luminous Efficiency: 100 Lumens per Watt

Lighting Configuration: Strobing Flash

Voltage: 120 to 240 volts AC

Mounting: Permanent Mount

Wiring: Direct Wiring to Power Source

Ambient Temp: -45°C to +55°C



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