

## LUMINUS LANE SEPARATOR

Code: CN-CF-L120

### WHAT'S A LUMINUS LANE SEPARATOR?

Is a road device used to speed up the traffic flow, considered as a contraflow lane separator

It is used to delimit lanes that at certain times of the day change their way of direction.

Mainly used in streets, avenues or lanes where is necessary to modify the way of direction in rush hours for a better flow of traffic.



### FEATURES

- Road signaling device to separate lanes where is necessary to change the way of direction at certain times of the day.
- Ideal width to place among traffic lanes and its height doesn't hit the lower part of the vehicles.
- Body molded in one piece of 100% recycled medium density polyethylene.
- UV protection and resistant to temperature changes.
- The assembly of all the components creates a great resistance to impacts that withstands 10 tons of static load and 20 tons of dynamic load.
- Sides with anti slip surface and 4 reflectors (2 per end).
- It doesn't require maintenance.

#### LIGHTING SYSTEM

- Contra flow lanes separator powered by solar energy with an intelligent lighting system that allows devices to communicate via bluetooth with a distance of up to 65.6 ft; helping to a quick and easy synchronization, when the first one is lighted the rest is automatically synchronized.
- Electronic system that is programmed through an App via bluetooth from cellphone to control the lighting; the green color means open lane and the red one means contraflow lanes, these colors are reversed when the direction way changes.
- With 12 optics directed to the view of drivers that amplify the light, being more visible for day and night, every optic is composed by a pair of LEDs (red or green).
- LED lighting in flashing or steady mode.
- 4 solar panels of 3.9" x 5.9" to power 3 batteries of 6 Volts that allow the LEDs to be lighted for 24 hours of the day.
- 4 highly resistant protective micas for solar panels.
- It doesn't need external wire.



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## MEASUREMENTS

Dimensions and other measures are nominal and may vary by +/- 2%.

**Total**

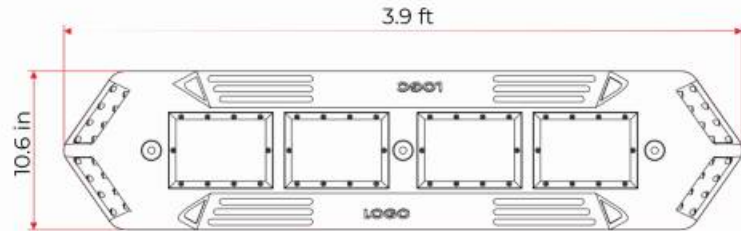
- Length: 3.9 ft
- Width: 10.6 in
- Height: 2.9 in

**Reflective Sheeting**

- Lateral

**Reflector Color**

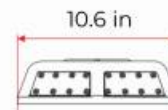
- White and red



**Top View**



**Lateral View**



**Front View**



## ANCHORING PROCEDURE

### IN ASPHALT

1. Mark the position of the boreholes using the device as a guide.
2. Drill the boreholes with a 1/2" drill bit for concrete to a 8" depth.
3. Fill the borehole with epoxy resin.
4. Place the lane separator on its position and nail the anchors (steel nails) carefully to avoid the damage of the product.

DONE!



### IN CONCRETE

- Mark the position of the boreholes using the device as a guide.
- Drill the boreholes with a 3/4" drill bit for concrete to a 7" depth.
- Insert the "Extralarge" anchors in the boreholes.
- Place the lane separator on its position and tighten with a 9/16" socket wrench.



Hex Head "Ultrafix" Screw  
O 3.8" x 5.9"

"Extralarge" Anchor  
O 0.7" x 5.5"