

## Solar Flashers

## School Zone

# Model LCLC112-D12R

Shown with optional signage and Round Aluminum Crash Tested Pole

No matter how large or small your school system is, LIGHTCAST INTERNATIONAL Inc. has a full line of solar school flashers to keep children and adults safe. Solar School Zone flasher beacons are used to help warn vehicular traffic they are entering an area requiring extra caution.



The Solar School Zone only utilizes the most up to date solar and electronics to maintain power levels thru rain, shine, sleet, or snow



The 365 day Programmable timer module allows you to program in advance what days the beacons will be activated, not be activated, and time of day they are activated.



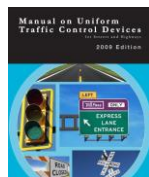
The system fits into Safe Routes to School (SRTS) infrastructure funding models



LED technology increases life expectancy of the beacon and also burns less energy than conventional bulbs



NCHRP 350 Crash Tested and Accepted (National Cooperative Highway Research Program)



Meets MUTCD (Manual on Uniform Traffic Control Devices)



Meets ITE Standards (Institute of Transportation Engineers)

## Programmable Timer Module



- 365 Day Timer
- Program to activate and deactivate your beacons multiple times a day without having to physically go out to flashing beacon
- Program exception periods where the system will not activate for certain days such as "holidays"
- Nonvolatile Memory
- Clock Capacitor Backup
- Automatic Leap Year Compensation
- Built in daylight savings time.

## Model LC112-D12R General Specifications

The Model **LC112-D12R** solar school flasher helps to keep children and adults safe on roadways by cautioning oncoming traffic to be vigilant of pedestrians when flashing. Solar School Zone flasher beacons are used to help warn vehicular traffic of reduced speed limits and increased pedestrian traffic.

### Signal Head Housing

**Size:** 12"

**Color:** Yellow or Black

**Visor:** 360 degree Cap

**Number of Beacons:** 2

**Material:** Plastic injected polystyrene



### LED Signal

**Color:** Amber

**Power Consumption (watts):** 5

**Seal:** Weather resistant

**LED Bulbs:** 2



### Solar Panel

**Solar:** (1) 80 watt solar panel



### Regulator

**Rated Solar Input:** 10 A

**Rated Load Current:** 10 A

**Disconnects:** Low and high voltage disconnect

**Onboard diagnostics:**

Solar, battery, and load



### Radar Display

**Character Height:** 10"

**Direction:** Approach Only

**LED's Per Pixel:** 3

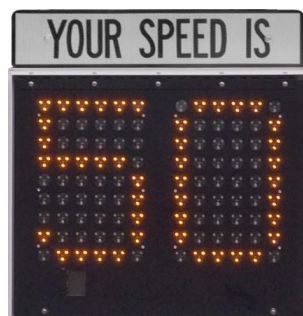
**LED Color:** Amber

**Paint:** Powder Coat

**Protection:** Aluminum Face

**Threshold:** Flash & Blank

**Threshold setting:** By selection switch



### Control Cabinet/Battery

(Traditional Models)

**Construction:** .080 aluminum

**Seal:** Weatherresistant

**Access:** Hinged on side

**Lockable:** Twist lock on



### Programmable Timer Module

(Traditional Models)

**Programmable Days:** 365

**Program Steps:** 500

**Exceptions:** 63

**Programs:** 32

**Memory:** Nonvolatile

**LCD:** 2 Line x 16 Character Backlit

**Automatic:** Leap Year & DST



### Solid State Flasher

**Flash rate:** 60 F.P.M.

**Construction:** Epoxy encapsulated

**Terminals:** (2) input (4) Output



### Options

Round Aluminum pole Kit 11'-20'

Batteries AGM or Wet Cell

Signage to fit your needs

Mounting Hardware to mount to existing post

Police Lock for control cabinet

3 Point Latch System for control cabinet

Radar Speed Display 10"-26"