

Solar Flashers

School Zone

Model LC110-D8

Shown with optional signage and Round Aluminum Crash Tested Pole

No matter how large or small your school system is, Lightcast 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.



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



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



Meets MUTCD (Manual on Uniform Traffic Control Devices)



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



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 LC110-D8 General Specifications

The Model **LC110-D8** 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: 8"

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) 40 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



Control Cabinet/Battery

(Traditional Models)

Construction: .080 aluminum

Seal: Weather resistant

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