

SCHOOL ZONE BEACONS

MODEL ECO 132-D12

K&K Systems' complete line of solar school zone systems include the ECO 132-D12 CrossWalk System. It features two 12" ultra-bright amber colored solar powered LEDs. K&K beacon systems utilize our smart controller with a built-in auto dimming and multi-stage battery charger.

Crosswalk Beacons are operated by wireless push button activation. When a pedestrian pushes the button, the LEDs are activated on both sides of the street and begin flashing. The beacons will continue to flash for the designated amount of time to allow pedestrians to cross the street.

Wireless connectivity and beacon flashing are controlled using the CrossTalk Intelligent Lighting Controller.

The system is powered with proven reliable solar power. By using solar power you're allowed the freedom to locate or relocate the system anywhere it is needed without the costly installation requirements associated with electric (AC) powered systems.



Wireless communication provides easy installation. No boring under roads!



Utilizes the most up to date solar and electronics to maintain power levels through rain, shine, sleet, or snow.



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



Meets MUTCD (Manual on Uniform Traffic Control Devices).



The K&K beacon system meets the Safe Routes to School (SRTS) infrastructure funding models.



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



Meets ITE Standards (Institute of Transportation Engineers)

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ECO 132-D12



SOLAR PANEL

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CONTROL CABINET/BATTERY

The Control Cabinet is constructed of aluminum to be lightweight and rust free. It is mounted under the solar panel for ECO models. It has a clean and simple design for easy maintenance. Rubber sealed for weather resistance. The 12 Volt Sealed battery is available locally for easy replacement.

CROSSTALK CONTROLLER

The CrossTalk located inside the control box is an advanced, solar-powered controller. It utilizes short-range wireless connectivity. The CrossTalk is setup quickly and provides more functionality and flexibility than traditional "wired" systems.

SIGNAL HEAD HOUSING

Size: 12"

Material: Polycarbonate or aluminum

Color: Black or Yellow

Visor: 360 degree Cap

Quantity: 2

Mounting: Split, Stacked, or Side by Side

LED SIGNAL

Color: Amber

Seal: Weather resistant

LED Bulbs: 2 - Meets ITE Standards

SIGN

Shown with optional signage and Round Aluminum Crash Tested Pole



PUSH BUTTON ASSEMBLY

Button: 2" with momentary switch rated at 36VDC

Button Fixture: 5" x 7" with crossing sign inserted

OPTIONS

- ▶ Round Aluminum, Square and U-Channel Pole Kits 11'-20'
- ▶ Batteries AGM or Wet Cell
- ▶ Signage to Meet 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"