K&K Systems, inc.
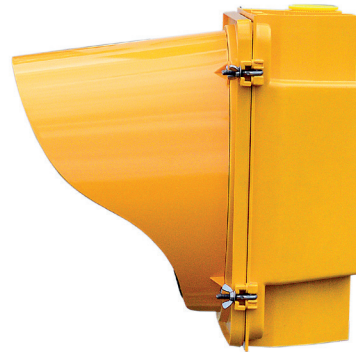## Traffic Safety Products Manufacturer

MODEL #116-S12
FLASHING BEACON SERIES

The 24/7 Flashing Hazardous Warning Beacon features one 12 inch ultra-bright amber colored LED units to draw drivers' attention to warning signs. The beacon is solar powered which allows the freedom to locate or relocate a sign any where it is needed without the hassles or wired systems or monthly power bill.

FEATURES

- 12" Beacon
- Ultra-Bright LED Technology
- All-in-One Compact Controller
- Auto Dimming
- Solar Powered
- Housing Color options
- Polycarbonate or Aluminum Housing
- 360 Degree Cap
- Weather Resistant
- Meets ITE Standards
- NCHRP 350 Crash Tested and Accepted

Shown with optional signage and Round Aluminum Crash Tested Pole

A Clean and Clutter-Free Control Box.

K&K Systems utilizes just 2 components to operate the 24/7 Flashing Beacon Series — a battery and the K&K Systems' SPLasher Beacon Controller, compact all-in-one solar controller. This design not only provides for simple maintenance, but also retrofits easily to any existing sign. We use a maintenance-free, sealed battery to eliminate any possible spills. Furthermore, the battery can be purchased locally if it should ever fail.

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

Meets ITE Standards (Institute of Transportation Engineers)

Meets MUTCD (Manual on Uniform Traffic Control Devices).

MODEL #116-S12
GENERAL SPECIFICATIONS

SIGNAL HEAD HOUSING
Size: 12"
Material: Polycarbonate or aluminum
Color: Black or Yellow
Visor: 360 degree Cap
Quantity: 1

LED SIGNAL
Color: Amber
Seal: Weather resistant
LED Bulbs: 1 - Meets ITE Standards

SOLAR PANEL
K&K utilizes the most up-to-date solar and electronics to maintain power levels through rain, shine, sleet, or snow.

CONTROL CABINET/BATTERY
Construction: Aluminum
Mount: On pole or under solar panel
Seal: Weather Resistant
Access: Side-Hinged
Lockable: Twist Lock or Slam Lock
Design: Clean and Simple for Easy Maintenance
Battery: 12 volt Sealed. Available locally.

OPTIONS
▸ Pole mounting: Round, U-Channel, Square etc...
▸ Black, Yellow, or Green available housing colors
▸ Sealed Battery
▸ Signage to Meet Your Needs
▸ Mounting Hardware to Mount to Existing Post
▸ Various Locks for Control Cabinet
▸ Triggers/Switches: Radar, High Water, Moisture, etc.

SPLASHER CONTROLLER

K&K Systems' SPLasher Beacon Controller is a compact all-in-one solar controller with maximum power point tracking, flasher, and auto-dimmer. Its compatible with all 24-7 solar stop beacons, hazard beacons, and has a dry contact for sensor activated beacons. The switch port allows you to hook up any activation switches such as the **K&K High Water Level Sensor, Motion Sensor, Push Button Sensor, Moisture Sensor, or Radar.** With the adjustable mode, you can adjust the duty cycle of the SPLasher Beacon Controller from 90/10 to 50/50 and change the flashers to activate for 24-7, 30 minutes, 3 minutes, or 1 minute.

FEATURES
▸ All-In-One Solar Controller, Flasher, and Auto-Dimmer
▸ Maximum power point tracking (MPPT) - Extracts maximum power from the solar panel regardless of environment
▸ Multi-stage battery charger maximizes battery life
▸ Works with all 24/7 LED beacons and most specialty lights
▸ Small compact design
▸ LED flasher outputs (x2)
▸ Microprocessor-based Smart Controller
▸ Duty Cycle adjustable 10% - 50% and RRFB
▸ OEM/Custom options available