"Wireless" Traffic Control Solutions

DC/AC LED Beacon Kits

Features

- LED Lamps
- Polycarbonate signal heads
- Aluminum mounting hardware
- Tunnel visor
- 5-inch louvered backplate (DOT models)
- Corrosion-resistant hardware
- 6-position terminal block

Options

- 12-inch or 8-inch LED lamps
- Red or Amber lamps
- Polycarbonate or aluminum heads
- Tunnel or ball cap visors
- Yellow (standard), black or green signal heads
- DOT-grade beacon kit or economy beacon kit
- Band-mount installation kit available

DOT Style Beacon Kits

DOT style beacon kits are designed to meet the expectations of DOT personnel around the country by including all the typical parts needed for a variety of installation conditions.

Two types of hubs are included for ease of installation. The one-way hub includes a U-bolt to allow quick mounting to a 4.5-inch O.D. pole. An optional adapter is available to allow mounting on a 3.5-inch O.D. pole. Also included is a universal hub which allows the signal assembly to be attached using banding or bolts.

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A 10-inch arm assembly with an elbow and nipple are included as well as a closure kit. The beacon output is enhanced by the use of the 5-inch louvered black backplate kit included with every unit. Units are available in AC or DC, 8-inch or 12-inch sized and with either red or amber LED. Yellow poly signal heads with tunnel visors are standard. Other colors or materials for the signal heads and/or visors are available as special order items. Detailed diagrams for installation are included.

Economy Style Beacon Kits

Economy style beacon kits are designed to meet the expectations of DOT personnel around the country but offer a reduced installation hardware package. The unitized mount hub-arm assembly includes a U-bolt to allow quick mounting to a 4.5-inch O.D. pole. An optional adapter is available to allow mounting on a 3.5-inch O.D. pole. Units are available in AC or DC, 8-inch or 12-inch sized with either red or amber LED. Yellow poly signal heads with tunnel visors are standard. Other colors or materials for the signal heads and/or visors are available as special order items. Detailed diagrams for installation are included.

Custom Solutions

Custom solutions and configurations of signal head assemblies are available.
Please send STC a copy of your signal head drawing for a quote. Send to: info@solar-traffic-controls.com

Solar Power: a free source of energy

STC's solar-powered systems are designed for quick and easy installation in the field. Our careful front-end engineering minimizes your installation costs and provides years of trouble-free operation. The standard solar power system includes the solar array, system enclosure with all the necessary electronics, color-coded wiring harnesses, sealed batteries and full documentation. DC LED lamp kits can also be purchased. These include the LED beacon, lamp housing and mounting hardware.

STC Systems are Cost Effective

Our solar flasher systems allow you to stretch your budget to obtain the traffic safety devices you need at affordable prices. Most systems are equivalent to the cost of obtaining an AC power drop. Battery life is typically three to six years; less expensive than grid electricity for the same period of time.

Solar Traffic Controls (STC) provides solar-powered traffic control systems for city, state and federal DOTs; police, firefighting and public works departments; facility maintenance and plant safety industries. Our primary products are solar-powered flashing beacon systems used for school zones and 24-hour applications. We also supply specialized flasher systems using environmental sensors and custom communications packages to control the flashing beacon systems. Our product spectrum also includes wireless power systems for ITS, EMS and HAR. STC's products and services are sold through a network of regional distributors who offer technical support for your project.

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