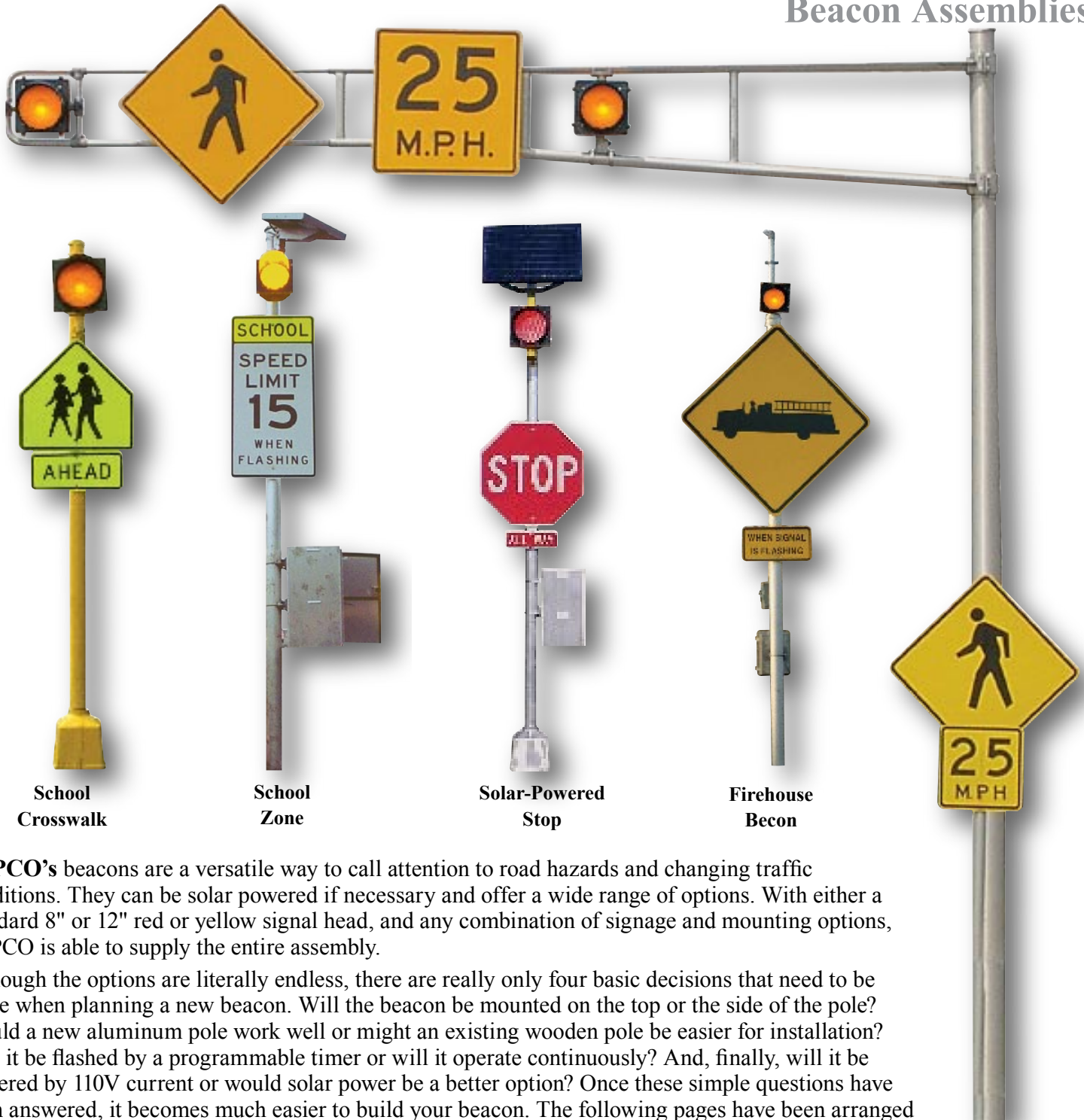


Beacon Assemblies



School
Crosswalk

School
Zone

Solar-Powered
Stop

Firehouse
Beacon

Overhead
Pedestrian
Crossing

TAPCO's beacons are a versatile way to call attention to road hazards and changing traffic conditions. They can be solar powered if necessary and offer a wide range of options. With either a standard 8" or 12" red or yellow signal head, and any combination of signage and mounting options, TAPCO is able to supply the entire assembly.

Although the options are literally endless, there are really only four basic decisions that need to be made when planning a new beacon. Will the beacon be mounted on the top or the side of the pole? Would a new aluminum pole work well or might an existing wooden pole be easier for installation? Will it be flashed by a programmable timer or will it operate continuously? And, finally, will it be powered by 110V current or would solar power be a better option? Once these simple questions have been answered, it becomes much easier to build your beacon. The following pages have been arranged in the order of the questions and the options for each variable are included. Or, if you prefer, you are more than welcome to give us a call to discuss your particular needs or challenges.

SOME TYPICAL APPLICATIONS ARE:

School Crossings • Dead End Streets • Intersections • Advance Warning • Dangerous Curves • Speed Limit • Safety Islands • Construction Zones • Fire and Police Departments.

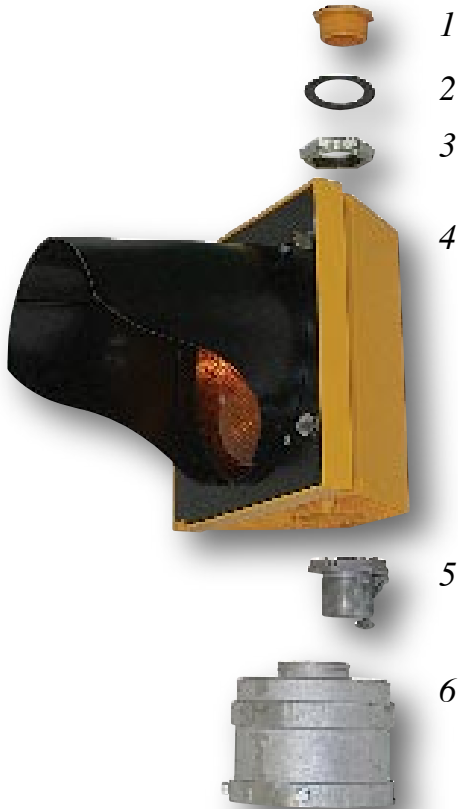


Order by Phone 1-262-814-7000 Toll-free 1-800-236-0112
or Order by Fax 1-262-814-7017 Toll-free 1-800-444-0331

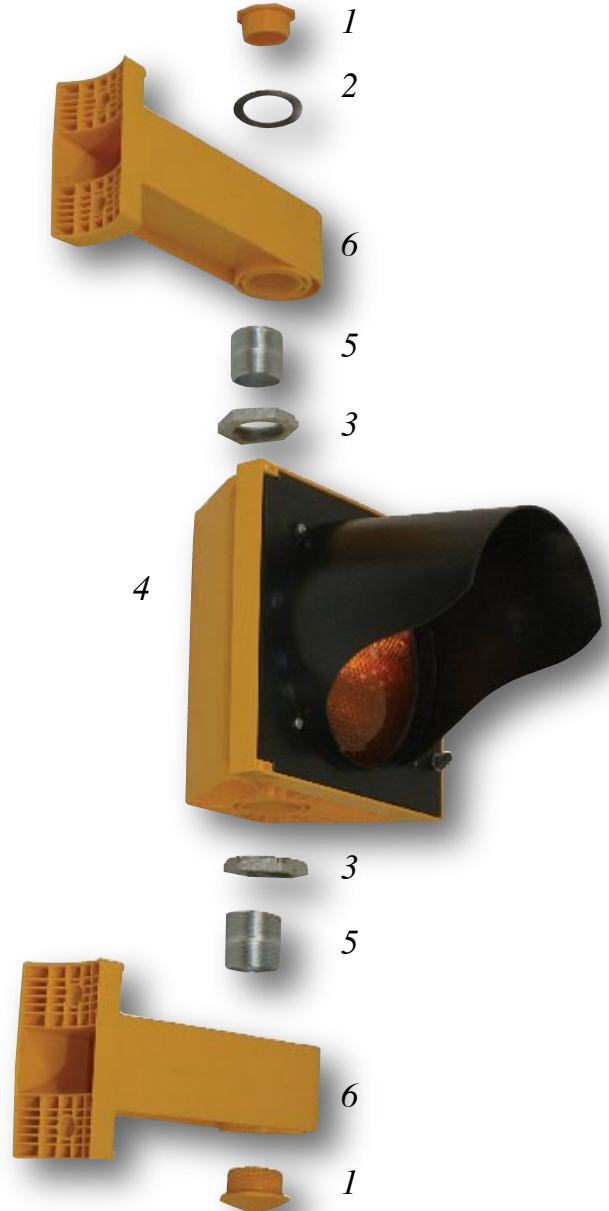


Beacon Assemblies (Beacon & Mounting Options)

*Post Top
Mounting Assembly*



*Side-of-Pole
Mounting Assembly*



Side-of-Pole Mounting

Item No.	Description	No. Required	Color	Part Number
1	Pinnacle	2	Yellow	290-SE0499
	Pinnacle	2	Black	290-SE049902
2	Neoprene Washer - 1-1/2"	1	—	290-SE0354
3	Galvanized Hex Locknut	2	—	1168-5
4	8" Poly Beacon (Incandescent)	1	Yellow	SA110B1111YBB
	12" Poly Beacon (Incandescent)	1	Yellow	SA101B1112YBB
	8" Poly Beacon (Incandescent)	1	Black	SA110B1111BBB
	12" Poly Beacon (Incandescent)	1	Black	SA101B1111BBB
	8" Poly Beacon (LED)	1	Yellow	122-110
	12" Poly Beacon (LED)	1	Yellow	122-1101
	8" Poly Beacon (LED)	1	Black	122-110B
	12" Poly Beacon (LED)	1	Black	122-1121B
5	Zinc Plated 1.5" x 2" Nipple	2	—	217-3
6	Poly Mounting Bracket	2	Yellow	122-PDM405
	Poly Mounting Bracket	2	Black	122-PDM442
7	Mounting Assembly Kit (Includes 2 each 1, 2, 3, 5, 6)	1	Yellow	122-FR1JPY
	Mounting Assembly Kit (Includes 2 each 1, 2, 3, 5, 6)	1	Black	122-FR1JPB
	8" LED Module	1	Red	220-24
	8" LED Module	1	Yellow	220-16
	12" LED Module	1	Red	220-5
	12" LED Module	1	Yellow	220-10

Post Top Mounting Assembly

Item No.	Description	No. Required	Color	Part Number
1	Pinnacle	2	Yellow	290-SE0499
	Pinnacle	2	Black	290-SE049902
2	Neoprene Washer - 1-1/2"	1	—	290-SE0354
3	Galvanized Hex Locknut	2	—	1168-5
4	8" Poly Beacon (Incandescent)	1	Yellow	SA110B1111YBB
	12" Poly Beacon (Incandescent)	1	Yellow	SA101B1112YBB
	8" Poly Beacon (Incandescent)	1	Black	SA110B1111BBB
	12" Poly Beacon (Incandescent)	1	Black	SA101B1111BBB
	8" Poly Beacon (LED)	1	Yellow	122-110
	12" Poly Beacon (LED)	1	Yellow	122-1101
	8" Poly Beacon (LED)	1	Black	122-110B
	12" Poly Beacon (LED)	1	Black	122-1121B
5	Zinc Plated 1.5" x 2" Nipple	1	—	217-3
6	Raw Collar, Aluminum with Locknut and Nipple	1	—	1168-8
7 (not shown)	Pinnacle Mounting Assembly Kit (Items 1, 2, 3)	1	Yellow	122-BK01030A
	Pinnacle Mounting Assembly Kit (Items 1, 2, 3)	1	Unpainted	122-BK01030AS
	8" LED Module	1	Red	220-24
	8" LED Module	1	Yellow	220-16
	12" LED Module	1	Red	220-5
	12" LED Module	1	Yellow	220-10



Beacon Assemblies (Support)

PEDESTAL POLE

Standard 4.5" OD aluminum pedestal pole. Provides years of rust-free service. Available in various lengths depending on your needs. Supplied with one end threaded for easy installation into pedestal base.

Part Numbers:

373-8	8' Schedule 40 pipe raw aluminum	373-880	8' Schedule 80 pipe raw aluminum
373-10	10' Schedule 40 pipe raw aluminum	373-1180	11' Schedule 80 pipe raw aluminum
373-13	13' Schedule 40 pipe raw aluminum	373-1380	13' Schedule 80 pipe raw aluminum
373-15	15' Schedule 40 pipe raw aluminum	373-1580	15' Schedule 80 pipe raw aluminum

NOTE: To determine the pole length required for your application the bottom of the sign or signal needs to be 7ft to the bottom of the base per MUTCD standards.



ANCHOR BOLTS

Bolts are available in 18", 42" and 60" galvanized steel. Set of 4 includes lock washer and nut.

Part Number 122-UA242 3/4" x 18" Anchor Bolt

Part Number 3177-42 1" x 42" High Strength Steel Anchor Bolt

Part Number 3177-60 1" x 60" High Strength Steel Anchor Bolt

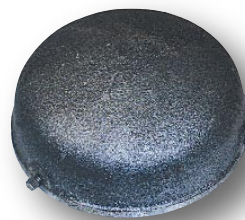
PEDESTAL BASE

TAPCO's TP-358 cast aluminum pedestals mount on a concrete base attached by four internal anchor bolts embedded in the base. The pedestal has a large 8.5" square hand hole cover allowing access to the interior of the base for ease of cable splicing and anchor bolt attachment. Available unpainted, Federal Highway yellow, black or color of your choice.

Part Number 203-14 Unpainted

Part Number 203-15 Yellow

Part Number 203-12 Black



POLE CAP

Fits all standard 4.5" OD poles. Galvanized for maintenance free service. Attaches easily with 3 mounting set screws included.

Part Number 203-10



Beacon Assemblies (Flash Control Options)



FLASHER CUBE

Economical 2 circuit panel mount flasher cube may be used for flashing two tungsten lamps, LED, or inductive loads. Measuring just 1.75 x 2.25 inches, the cube is built to withstand rugged conditions and can be installed inside signal head.

Part Number 1216-2



FLASHER (NEMA)

The TAPCO solid-state flasher is designed and built to meet NEMA specifications. Each flasher contains two individually replaceable modules enclosed in a dust resistant metal enclosure, providing mechanical protection and excellent heatsinking for the modules. The modules are easily accessible with a screwdriver. Shown with mounting bracket and plug in module which are each sold separately. Brackets mount easily into either cabinet with all holes predrilled and ready to accept plug in module. All components include necessary screws.

Flasher Part Number 71-1

Bracket Part Number 106-6

Socket Part Number 55-20



WIRELESS CONTROLLER

Compact cabinet-mounted controller remotely activates one or more beacons at up to 1 mile away. Utilizing a proprietary optimized communications protocol for maximum reliability and security. Can be activated using any number of triggering devices.

Part Number 3204-1

PROGRAMMABLE TIME CLOCK

Clocks can be ordered AC, DC, or AC/DC. AC & DC clocks have up to 4 relays, whereas the AC/DC model has only one. The clock can establish school year program based on school calendar and can establish exceptions such as holidays and other events. Programs easily with LCD lighted display. Programmable for momentary operation of up to 255 seconds. Automatically adjusts for leap year and daylight savings time. Backup power-Capacitive-168 hours minimum.

Shipped with standard cable

Dimensions: 8.25" H x 4.25" W x 1.75" D

Part Number 27-3



Beacon Assemblies (110V Flash Cabinet & Mounting)



UNIVERSAL FLASHER CABINET (110V)

Provides weather-tight storage of flashers and timers. Can be mounted either through the body or off the back. Cover plates are provided to plug unused mounting holes. Comes standard with police style skeleton lock and key for security.

Part Number 290-SP5150



POLE MOUNTING CLAMP

Mounts cabinets securely to the side of all standard 4.5" poles. Is shipped complete with all necessary mounting hardware and rubber gasket for additional water protection.

Part Number 290-5



WOOD POLE MOUNTING KIT

This mounting kit will securely mount a cabinet to a wooden pole. Kit includes two brackets, all necessary hardware and a rubber gasket.

Part Number 290-28



Beacon Assemblies (Solar Flash Cabinet & Mounting)



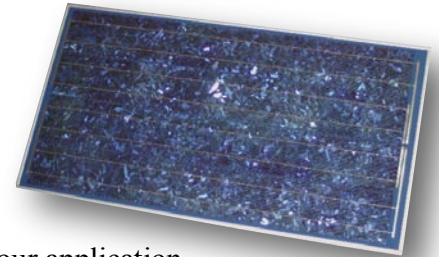
SOLAR CABINET

Galvanized metal cabinet provides room for all necessary flashers and timers as well as two back-up batteries. Measures 26.5" H x 15.75" W x 14" D. Easily mounts to 4.5" pole (sold separately) with pre-drilled holes on back. Locks securely with provided standard police key. Door has weather tight gasket. Banding mounts available.

Part Number 27-6 50 Watt

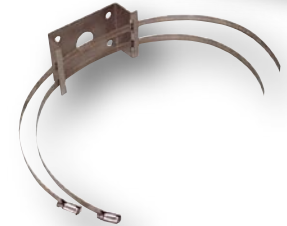
SOLAR PANEL

Solar panel for powering flashing beacons. Available in various sizes to accommodate a wide range of uses. Call for information regarding sizing requirements and pricing for your application.



BAND MOUNTING BRACKET

For side of pole mounting of cabinets. Can accommodate poles up to approximately 9" with standard bands. Longer bands are available for larger mounting applications. Bracket measures 5" x 3.75" and is supplied with two 29" metal banding straps complete with lock-tight screw closures.



Part Number 27-10

Solar Powered Beacons

SOLAR POWERED DAY/NIGHT FLASHER

This completely self contained and easily installed, active warning flasher provides years of reliable, trouble free operation and is available with red or yellow high intensity LED lamps. No external power is needed. Supplied with U-Bolts to accommodate 4 1/2" pole.

Part Number 2703-3 (Red) Part Number 2703-5 (Amber)

Applications

Stop Signs — School Zone (with optional timer) — Fire House* Police Station* — Pedestrian Crossing* (with optional pushbutton control)

Features

Rugged--no maintenance alloy housing
Super Bright LED Lamp
Built-in solar panel w/ fully auto recharge system
Easy Installation

Maintenance free lights operate for years

*Optional long range wireless operation is available for applications such as police/fire stations. Or, when used at an intersection for pedestrian warning, the unit can be controlled with a remote pushbutton.

Specifications

Flash Pattern	MUTCD compliant
LED Signal	12" (300 mm) diameter
Maximum ambient temperature range	-40 to 80 degrees Celsius
Battery Lifespan	5-8 years (optional field replaceable)



WARRANTY: 2 year pro-rated warranty on all components including batteries

Only TAPCO can provide all the necessary installation and control options to take full advantage of this versatile, low cost solar flasher.

All specifications are subject to change without notice. All operating specifications are based on at least 2 hours a day of sunlight



Order by Phone 1-262-814-7000 Toll-free 1-800-236-0112
or Order by Fax 1-262-814-7017 Toll-free 1-800-444-0331

