

Pro-B-LITE Emergency Services Sequential Flashing Light Set



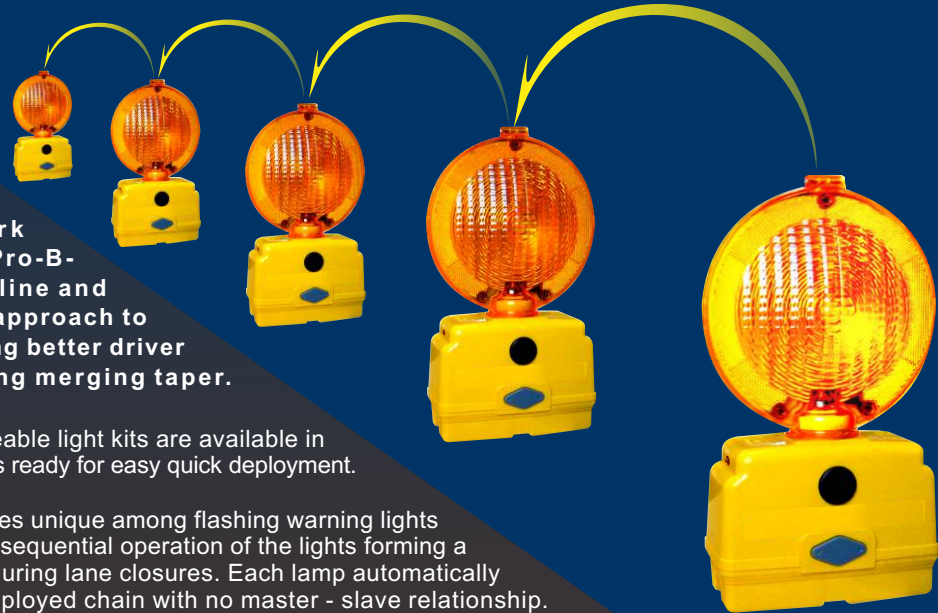
FACT SHEET

Enhanced Taper Visibility!

Independently tested and proven to improve nighttime temporary work zone and incident safety. Pro-B-LITE improves lane discipline and reduces average speed on approach to closed off zones by providing better driver recognition of the upcoming merging taper.

The Pro-B-LITE 5 pack rechargeable light kits are available in amber, blue, or red and are always ready for easy quick deployment.

What makes the Pro-B-LITE series unique among flashing warning lights is the special intelligent wireless sequential operation of the lights forming a clear directional path for traffic during lane closures. Each lamp automatically recognizes its position in the deployed chain with no master - slave relationship. Proven to improve driver recognition of the merging taper the Pro-B-LITE helps insure the safety of drivers and workers alike.



The Pro-B-LITE fits easily in the trunk of most vehicles and trickle charges via 12V outlet to ensure continuous availability for rapid deployment in an emergency. Lights drop into the ProBase 5 charging tray (supplied) and make charge contact automatically.

FEATURES:

- Unique independently field-proven technology
- Intelligent wireless technology - no wires
- Deploys in any order - no master or slave
- Dynamic directional taper guide for drivers
- Reliable alternative to flares
- ITE, VCA, and NCHRP-350 crash compliant
- 5 light rechargeable kit always ready for quick deployment
- 3 kits (15 lights) can be deployed for larger lane closures
- FHWA MUTCD 6.F.13 compliant
- Available with amber, red, or blue lens.



DICKE SAFETY PRODUCTS

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Part Numbers	#PRO-B-AMBER (amber lens) #PRO-B-BLUE (blue lens) #PRO-B-RED (red lens) #PROBASE-5 - Charger base #PRO-B-CB - Cone bracket
Display Technology	High intensity single superbright LED. Visible in all lighting conditions, current controlled to maintain a constant light output as the battery voltage drops. High clarity uni-directional self colored polycarbonate lens with super bright LED technology.
Power Supply	Initial current drawn (assuming 5 lamps are used) - 750mA max DC. Lights fully charged 16 hours, recommended in line fuse 2 amp.
ProBase 5	Designed to fit comfortably in into the trunk of any vehicle. Manufactured from high impact ABS with stainless steel contacts giving corrosion free operation. When lights require re-charging the user simply places the lights, facing either direction, into the charging base. The charge indicator light will illuminate to indicate charging is taking place. Contact is made automatically, circuitry is incorporated into each lite to regulate charge. 6" 12V charging lead with adapter is supplied.

SPECIFICATIONS

Flash Rate	60 flashes per minute.
Operating time on full charge	Blue in excess of 7 hrs., Amber and Red in excess of 24 hrs.
Independent Data on improved lane discipline	It has been independently proven that special warning lights provide better driver recognition of the merging taper, reducing last minute lane change behavior and taper incursions.
Operating Temperature	-30° to +165° F. All circuitry within the lights is fully "burn-in" tested for 24 hrs @ +/- 113° F and moisture protected.
Weight	Each light weighs 1.5 lbs. (.69 kg)
Mechanical	Polypropylene body provides durable performance in all weather conditions. Lenses are made of high impact polycarbonate in amber, blue, or red. All lights have standard carrying handles.
Dimensions	5 lights complete with charger base: 8.5" wide X 19" long X 14" tall.

OPERATION

Ensure that the lights are fully charged before operation. The lights may be switched on by pressing the concealed switch and placed in any order, here is no master light. Up to 15 lights may be placed in line spaced from 7 ft to 33 ft apart.

Opaque lenses must face in the same direction. Lights may be placed with a stagger of up to 5 ft. The lenses may be rotated on the body if necessary.

The PRO-B Lite has been designed with a tough polypropylene body providing rugged, durable battery protection in all extremes of ambient temperature.

Lenses are manufactured from high impact polycarbonate with color choices of amber, red, and blue. Each light source is a single high output LED, current controlled to maintain a constant light output as the battery voltage drops.

Each light has its own charging circuit built in which is charged using the PROBASE-5 charging tray. Lights drop into the tray and make contact automatically. Each PROBASE-5 comes with a 6 ft cord and 12V adapter.



When the lights are placed in line they give the impression of a single light source traveling along the lights from front to back.



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