

Emergency Services Pro-B-LITE

Enhancing both driver and emergency responder safety
with innovative technology



- Unique independently field proven technology
- FHWA MUTCD 6F.83 08 compliant
- Deploy in any order - no master or slave
- Delivers safer driver approach speeds
- Offers continual delineation of any taper length or layout
- Intelligent wireless technology - no wires
- Intelligent alternative to flares
- Rechargeable ready for fast deployment

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Emergency Services Sequential Taper Guide

Independently proven to significantly improve driver lane discipline approaching high speed lane closures, the Pro-B-Lite 5 pack rechargeable lamp kits are available in blue, red or amber and are always ready for simple quick deployment.

What sets the Pro-B-Lite series apart from other types of flashing warning lights is the unique intelligent wireless sequential operation of the lights in forming a clear directional path for traffic during lane closures.

Each lamp automatically recognizes where it sits in the deployed chain with no master slave relationship. Proven to improve driver recognition of the merging taper the Pro-B-LITE helps meet a commitment to the well being and safety of all traffic participants.

Technology that leads by example

An emergency services and utilities favourite, the Pro-B-LITE has compacted the work zone SynchroGUIDE technology into a rechargeable 5 lamp set.

No master slave arrangement or interconnecting wires, rapidly deploys and repacks in any order with the same results everytime.

The Pro-B-LITE fits easily in the trunk of most vehicles and trickle charges via 12V outlet to ensure continuous availability for rapid and safe deployment in an emergency.

Lamps drop into the ProBase 5 charging tray (supplied) and make charge contact automatically.



Technical Data

Model Reference	PSB6N/BO/P/H/AA (BLUE)
	PSB6N/AO/P/H/AA (AMBER)
	PSB6N/RO/P/H/AA (RED)
	ProBASE 5 Charger, PD65.64002
Display Technology	High Intensity Single Super bright 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 single LED technology.
Power Supply	Initial current drawn (assuming 5 lamps are charged) - 750mA max @13.6V DC. Lamps fully charged 16 hours, recommended in line fuse 2 amp.
ProBASE 5	Manufactured from high impact ABS with built in stainless steel contacts giving corrosion free operation. When lamps require recharging the user simply places the lamps either way round into a vacant space, the charge indicator lamp will illuminate to indicate charging is taking place. Contact is made automatically, circuitry is incorporated into each lamp to regulate charge. 3m(6') 12V charging lead with adaptor supplied.
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 sequential warning lights provide better driver recognition of the merging taper, reducing approach speeds, improving driver lane discipline and reducing taper incursions.
Operating Temperature	-30 to 169°F (-34 to 74°C). All circuitry within the lamps is fully 'burn in' tested for 24 hrs @ +/- 45°C and moisture protected.
Weight	Each lamp is 0.69kg. (1.5lbs)
Mechanical	Polypropylene body giving a very robust case in all extremes of ambient temperature the lenses are manufactured from high impact polycarbonate with blue, red and amber colour options. All lamps come with carrying handle fitted as standard.
Dimensions	Dimensions are for 5 lamps complete with charger base - 217mm (8 1/2") wide x 475mm (19") long x 340mm (14") high.



Operation

Ensure the lamps are fully charged before operation. The lamps may be switched on (by pressing the concealed switch) and placed in any order as there is no master lamp.

Up to 15 lamps may be placed in line with a spacing between each lamp from 2.2M (7') up to 10M (33').

It is essential that all of the opaque lenses face in the same direction. The lamps may be placed with a stagger of up to 1.5M (5'). The lenses may be rotated on the body for lower centre of gravity and better road adhesion when deployed on a camber or as and when deemed required.

Each lamp has its own charging circuit built in, which is charged using the ProBase 5 charging tray. Lamps drop into the tray and make charge contact automatically, each ProBase 5 comes with 6ft (3 metre) charging lead and 12v adaptor.

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



About Unipart

The Unipart Group is a leading UK manufacturer, full service logistics provider and consultant in operational excellence. Operating across a range of market sectors, including automotive, manufacturing, mobile telecoms, rail, retail and technology, Unipart offers a breadth of services to a wide range of blue chip clients internationally.

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