



# Emergency Services ConeLITE Synchro

Enhancing both driver and emergency responder safety with innovative technology

## Emergency Services Sequential Taper Guide

Independently proven to significantly improve driver lane discipline approaching high speed lane closures, the ConeLITE Synchro lamp kits are available in blue, red or amber and are always ready for simple quick deployment.

What sets the ConeLITE Synchro 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 ConeLITE Synchro 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 ConeLITE Synchro has incorporated the work zone SynchroGUIDE technology into a unique style of lamp which simply and quickly drops into position on the cones in the taper.

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

The action of placing the light on the cone also activates the light. The 6V single battery compartment was created by folding the body/handle of the lamp up through itself, presenting easy access for install and replacement of the battery and carrying of the light.

## Features

- Unique independently field proven technology
- FHWA MUTCD 6F.63 12 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
- Cone activates lamp for fast deployment



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# Technical Specifications and Operation

Model Reference	CSB6N/BB/P/N/LA (BLUE)
	CSB6N/AA/P/N/LA (AMBER)
	CSB6N/RR/P/N/LA (RED)
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	Nominal Voltage 6V Alkaline Battery type ANSI 908 or equivalent
Flash Rate	60 Flashes per minute.
Operating time	Continuous operating life from single DAAB25 550hrs, DAAB50 1100hrs
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	455g (1lb)
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. Carrying handle incorporated into the body of lamp.
Dimensions	Height including handle 209mm (8.2"), length 242mm (9.5") , External diameter 195mm (7.6")

## Operation

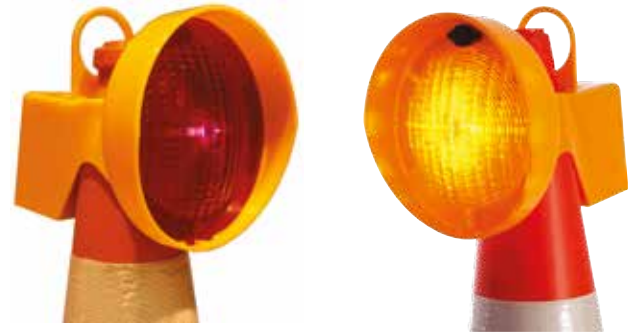
Insert 6V battery into lamp in any orientation and pull handle of lamp through body to secure battery in place.

Lamps are dropped onto cones in taper at a spacing of between 2.2m (7') up to a maximum of 20m (65').

The action of placing lamp on cone automatically activates the lamp.

To create the desired sequential directional guide, it is essential that the lamps all face in the same direction in the taper with a maximum stagger of 2m (6.5').

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



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