

tennants^{UK}

visibly better

QUICK-LOCK CONE REFLECTOR



The ideal solution for companies who are unable to source batteries for warning lamps

Tennants are proud to announce the arrival of our alternative to battery powered warning lamps for traffic cones.

Durable, highly visible and easy to fit, the **QUICK-LOCK** Reflector features Prismatic retro-reflective faces to both sides of fully recyclable **ENVIROPLATE**, ingeniously designed and fabricated to lock onto the top of all types of cone.

Specification

- 5mm thick 100% recyclable ENVIROPLATE substrate
- 150mm diameter reflector panel
- R3B 12 year grade prismatic retro-reflectivity – yellow front, red to the reverse
- Size and design in accordance with Diagram 560 of TSRGD 2016 (Schedule 2, Warning signs, Part 6, item 2)
- Fabricated locking aperture with grip slot for quick and easy manual fitting to cone top *
- Supplied in boxes of 100No.



* Cone lock aperture design differs for each cone type – please specify brand and size of cone when ordering.

Benefits and Options:

- Approx 25% cheaper than a warning lamp with battery, so able to place at more regular intervals
- Durable single piece construction
- Easy to deploy with no need for additional fixings
- Environmentally friendly – reground fully recyclable substrate, no need to change batteries
- Lightweight and stackable, reducing storage and transport costs
- Engraved company branding available – (MOQ of 250 units applies)

Contact your Account Manager or Customer Service on 0115 973 8088 for more information and pricing

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Battery powered warning lamps

A story of tradition, supply chain issues and innovative solutions

History

Since the 1960s, warning lamps have been attached to the tops of cones at 18 metre intervals to help drivers identify and avoid overnight road works.

However, in 2016, section 04.7.1 of Chapter 8 allowed the necessity for lamps be dropped in certain situations. Although this was a case of special dispensation only for specific areas, misinterpretation of this relaxation has led to many schemes going 'dark,' which presents serious safety issues.



Batteries and global supply crisis

6V 996 lantern batteries traditionally power traffic warning lamps with the average road closure using between 32 and 256 lamps (and thus, batteries) per night. Not only is this detrimental to the environment, but also uneconomical and inefficient with regards to transporting (lamps can often occupy a third of the bed space of an 18 tonne truck) and use of labour, with each battery needing to be manually changed after 7 or 8 nights of use. 30% of the batteries supplied are destined for landfill at the end of their usable life.



Compounding this is the recent global supply crisis in batteries, leading to price increases of over 200% in the last year alone and many traffic management companies simply not being able to power their lamps for critical schemes.

The Solution

Tennants' **QUICK-LOCK** Cone Reflector, is a simple solution, providing R3B 12 year grade prismatic retro-reflective 150mm diameter discs (yellow to the front, red to the reverse) applied to 5mm thick **ENVIROPLATE** – Tennants' own fully recyclable temporary sign substrate – cleverly engineered to fit securely on all types of cone. Needing no illumination, production of the Quick-Lock Cone Reflector leaves a significantly reduced carbon footprint compared to battery powered lamps, reduces waste, storage and transport costs and needs no repeat accessory purchase during its life.

At approximately 25% less expensive than a traditional lamp and battery (not allowing for additional battery costs), the Cone Reflector allows deployment at more frequent intervals, creating more visible – and therefore safer – working environments for overnight road closures.

The **QUICK-LOCK** Cone Reflector allows traffic management providers who are struggling for supply to retain what batteries they do have for use on sequential and taper lamps where the use of electrical illumination is essential.



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