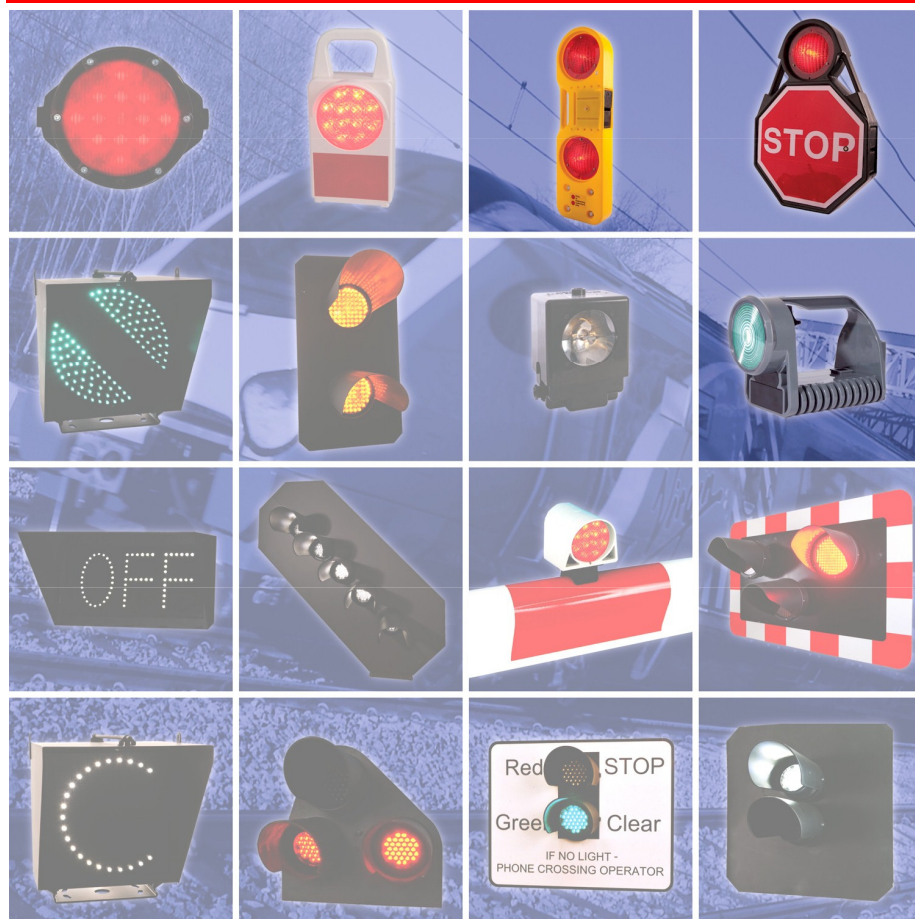
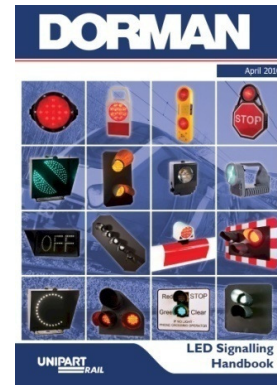


Personal Safety



The Personal Safety Range is just part of the wider portfolio of Dorman products which cover every part of the railway.



The LED Handbook contains full details of all the rail products. Contact us to receive your copy, or visit unipartrail.com/ledhandbook for the PDF version

Dorman's LED Signaling Range:

With over 25 years of experience in LED Rail Signaling, Dorman has a complete range of Network Rail approved LED signals that are backwards compatible with the existing systems on the UK infrastructure.

This comprehensive range covers nearly 500 approved items to date and Dorman has in excess of 60,000 signals now installed across the network. Where Dorman LED signals have been installed, failures and delays associated with the signal heads have been virtually eliminated.

Dorman, Design & Manufacturing Capabilities:

Dorman's engineering heritage goes back over 130 years. The innovation and design-led business philosophy revolves around listening closely to customers and ensuring product development is always focused on their requirements. Dorman is a leading light in rail with extensive product ranges available throughout the UK and in more than 30 countries across five continents.

Dorman has been at the forefront of LED technology since the 1980's. LED lighting offers unrivalled safety and economic benefits when compared to filament bulbs and the company's technological leadership has resulted in several industry 'firsts', including ConeLITE, the industry-standard warning lamp for road hazards, and the Dorman Colour Light Signal, introduced in 2003 and the first LED signal fully approved by Network Rail to Railway Group Standards.

Contact Details:

Dorman's range is distributed through Unipart Rail:

Unipart Rail
Gresty Road
Crewe
Cheshire
CW2 6EH

Tel: +44 (0)1270 847600
E-Mail: enquiries@unipartrail.com

www.dorman.co.uk
www.unipartrail.com

LED Handlamp



The Dorman LED Handlamps are a fully Network Rail approved, cost effective direct replacement unit for the Bardic unit.

- Dorman LED Handlamps have a 250% energy saving over filament lamps with a battery life of 20 hours (continuous use) this results in a battery cost reduction saving of over 60%
- Direct replacement for existing NRS Handlamp (formerly Bardic Lamp)
- Red, Yellow and Green aspects are true signal colours
- Constructed from high impact resistant polycarbonate and designed to withstand the most severe shocks
- LED light sources designed to give a long and predictable service life
- Lamp life in excess of 10 years continuous use
- Stable light output across battery lifetime
- "Battery OK" indicator displays health of battery
- Available in 3 and 4 Aspect variants



LED Handlamp

Product Details

Aspect Colours and Catalogue Numbers

All aspects are true signal colours,

Configurations

3 Aspect Red – Green – Red – White

4 Aspect Red – Yellow – Green – White

Replacement Battery

PADS No. 094/008052

PADS No. 094/008050

PADS No. 094/008051



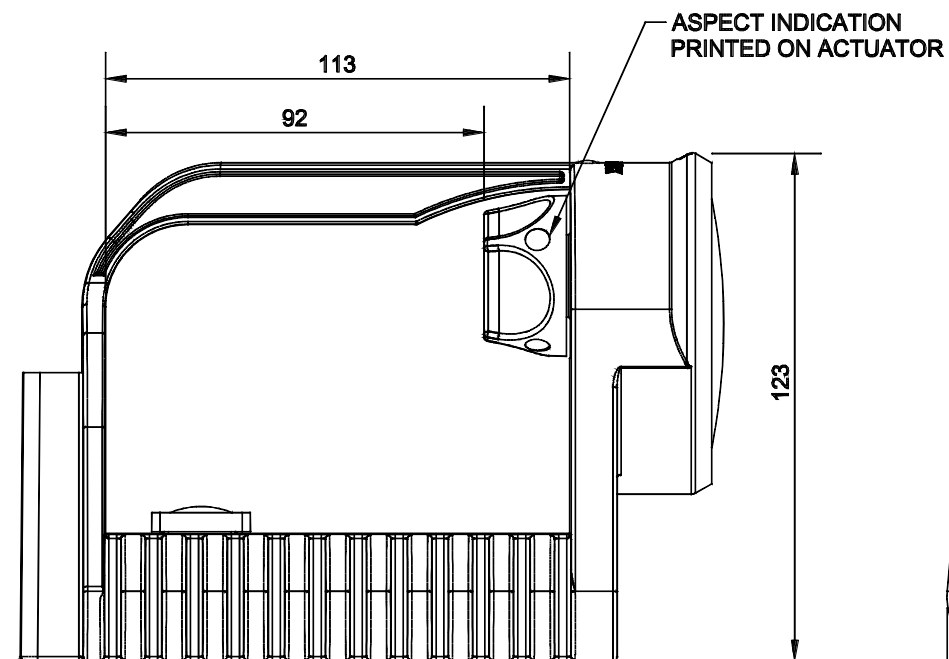
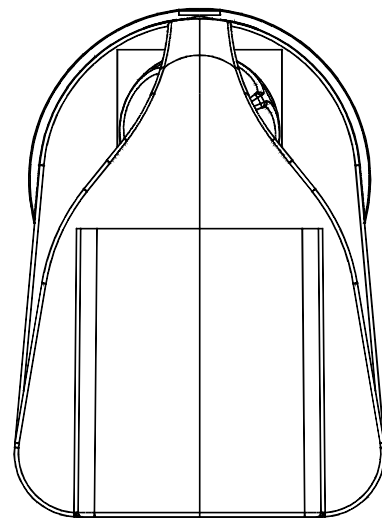
Switch

Aspect selection is made simple, via an ergonomic rotary switch that clearly displays the selected aspect colour. A secondary indication of aspect colour is available from the indicator window positioned on the uppermost edge of the lamp in line with the operators field of vision.



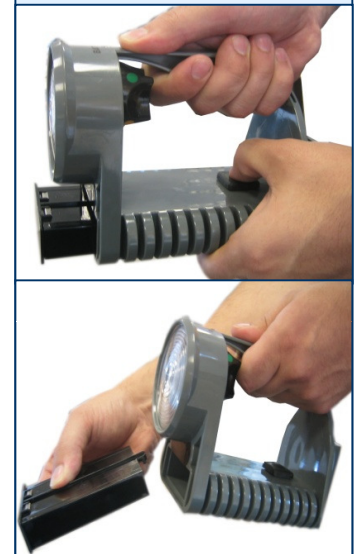
Mounting

The rear of the lamp features a standard lamp iron mounting bracket to enable use as an emergency tail or marker lamp.



Battery

Battery replacement is achieved by pressing a single release button.



Design

The LED Handlamp has been designed specifically with the user in mind. The weight of the lamp has been reduced by 50% compared to the previous Filament Handlamp and is concentrated at the bottom of the lamp making it much more stable when laid on track ballast. The rotary switch is designed to be easily operated even when the operator is wearing bulky gloves.

Network Rail Acceptance No:

PA05/02888

PADS No:

3 Aspect 0094/008052

4 Aspect 0094/008050

Replacement Battery 0094/008051

Cost Saving

	LED Handlamp	Filament Lamp	Reduction (%)
Batteries Used	21	52	60%
Cost Difference	£83	£171	48%

Figures assume batteries changed weekly on the Filament Handlamp and batteries purchased at full list price as at 01.06.09. More frequent battery changes on the filament lamp would increase the savings. Figures correct at time of going to print.