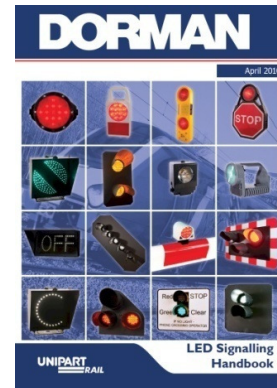


# Level Crossing



The Level Crossing 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](http://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:

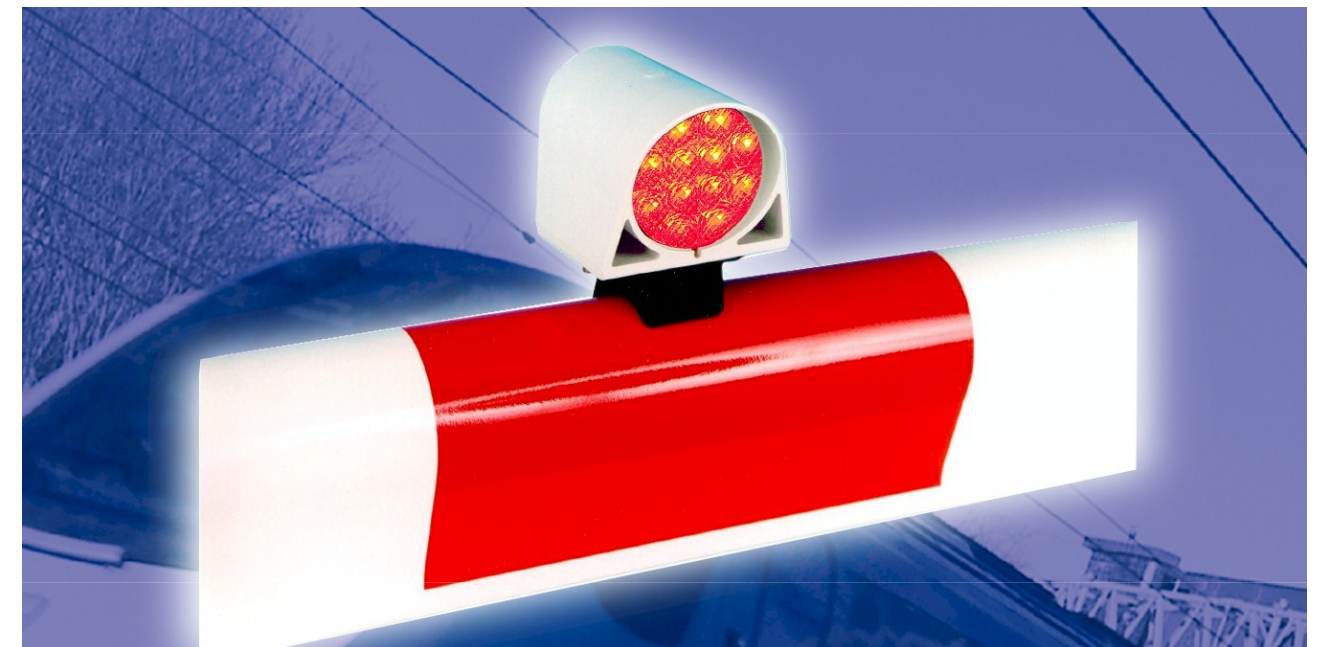
Dorman's range is distributed through Unipart Rail:

Unipart Rail  
Gresty Road  
Crewe  
Cheshire  
CW2 6EH

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

[www.dorman.co.uk](http://www.dorman.co.uk)  
[www.unipartrail.com](http://www.unipartrail.com)

# LED Barrier Boom Light



The Dorman LED Barrier Boom Lights are cost effective with no requirement for on site design changes and are fully Network Rail approved.

- Virtually zero maintenance cost
- Vandal resistant body
- Requires no additional hood or fittings
- Capable of withstanding the severest of shocks
- Fully compliant with line specification RT/E/S/10073
- Uses high brightness LEDs
- Sealed for life to IP54
- Operates using a 24Vdc supply
- Maximum operating current 50mA
- 12Vdc version currently available for export only

Zero failures in ten years of installations

**DORMAN**

# LED Barrier Boom Light

## Product Details

### Benefits

- Weatherproof
- Integral hood
- Virtually zero maintenance
- Significant savings
- Shock resistant
- Easy to fit



### Vandal Proof

The Barrier Boom Light has a polycarbonate body and lenses to create a vandal proof unit.

### Illumination

The light uses high brightness Signal Red, Class B LEDs for illumination.

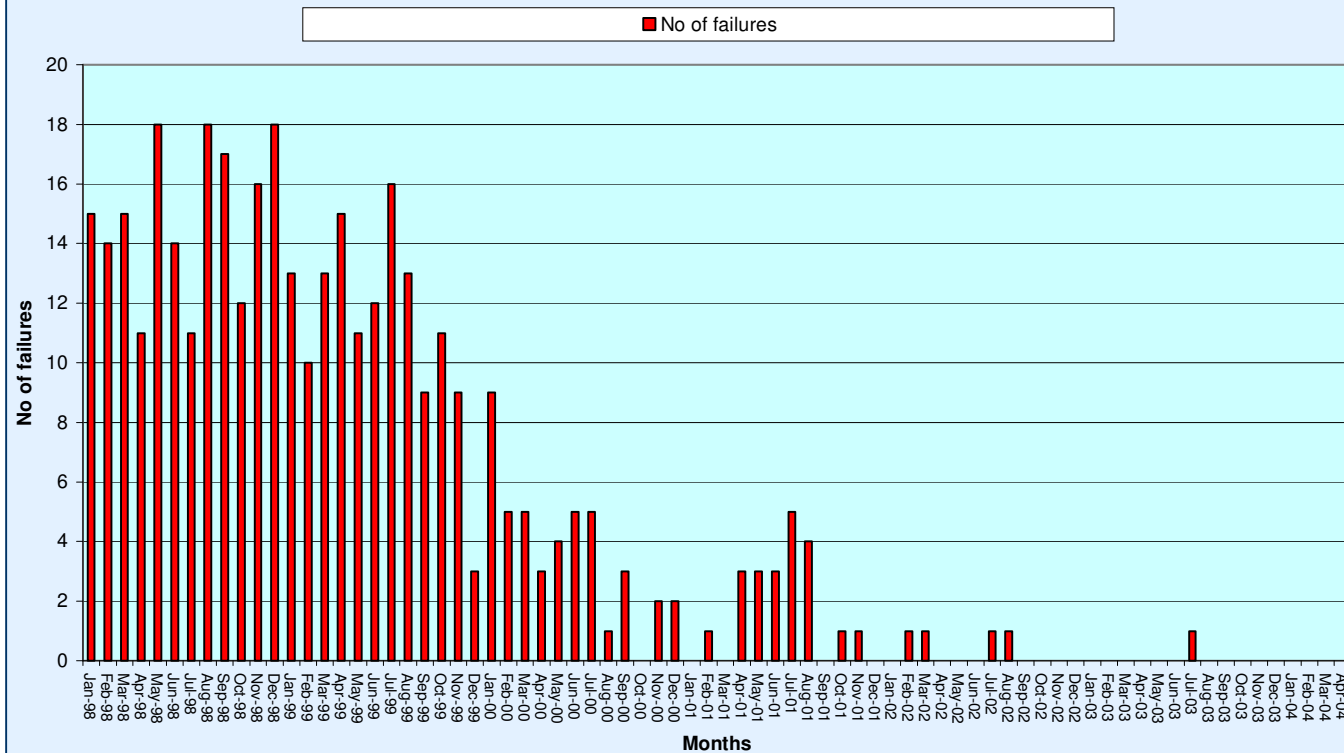
### Fitting

Quick and easy to fit in the time it takes to replace a filament lamp.

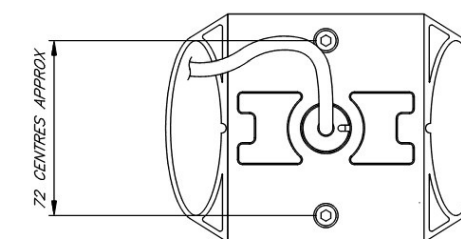
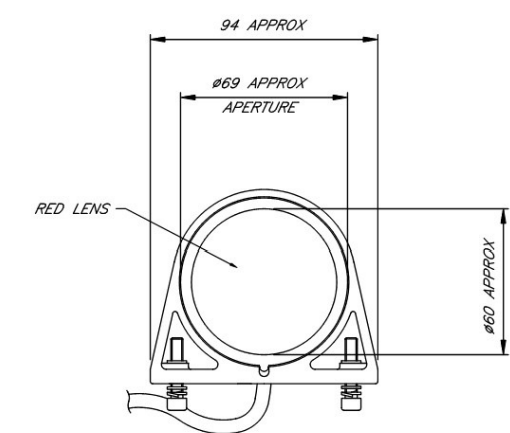
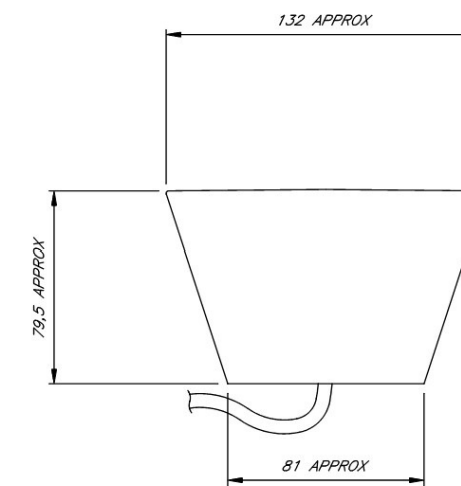
### Ingress Protection

Each light is a self-contained IP54 sealed unit.

**Boom Lamp Failures in South Wales (01/01/1998-30/04/2004)**



The installation of the Boom LED lamps commenced in September 1999.  
All failures after August 2001 were caused by power supply faults.



**PADS No:**  
0086/028738 24Vdc LED Barrier Boom Light

**Dorman Part No:**  
24 Vdc Version BBL2N/R  
12Vdc Version BBL2N/R/2