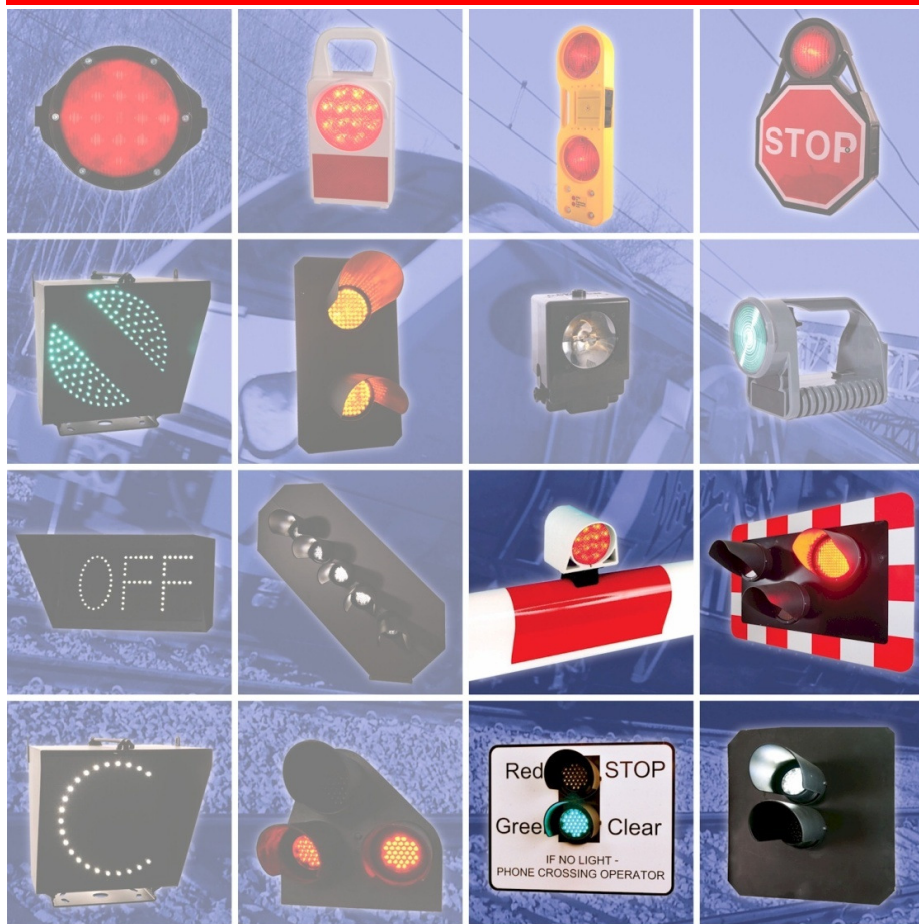
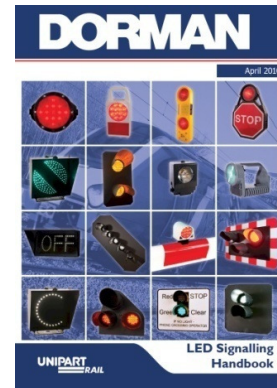


Level Crossing Range



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 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 Position Light Signal, introduced in 2000 and the first LED signal for controlling train movements 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

DORMAN

Level Crossing WigWags



The Dorman Level Crossing WigWags for Railway Level Crossings are fully Network Rail approved.

- Compliant with European Standard EN 12368:2000 as defined in TR 2206:Issue A:2001 (Specification for Road Traffic Signals)
- LED light sources give a long and predictable service life
- Increased safety and reliability
- Unique optical arrangement reduces the possibility of a display phantom
- Less affected by variations in supply voltage than quartz halogen or filament lamps
- LED light units sealed for life to IP65
- Nominal supply voltage 24Vdc
- Greatly reduced maintenance costs
- Standing Red Man module available for use at crossings with separate pedestrian gate
- Reduced vandal risk
- Can be bulkhead mounted



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Level Crossing WigWags

Product Details

Benefits

- LED technology gives a long and predictable service life
- Greatly reduced maintenance and running costs compared with quartz halogen units
- Maintenance reduced to occasional cleaning
- Vandal resistant construction and hood arrangement

Key Specifications

- Operating Temperature Range: - 25°C to + 60°C
- Nominal Operating Voltage: 24Vdc
- Operating Voltage Range: Max 31.2Vdc Min 18.0Vdc
- Nominal Operating Current: 900mA at 24Vdc per light source
- Illuminated Area: 205mm diameter
- IP Rating: IP65
- Impact Resistance: IK 3

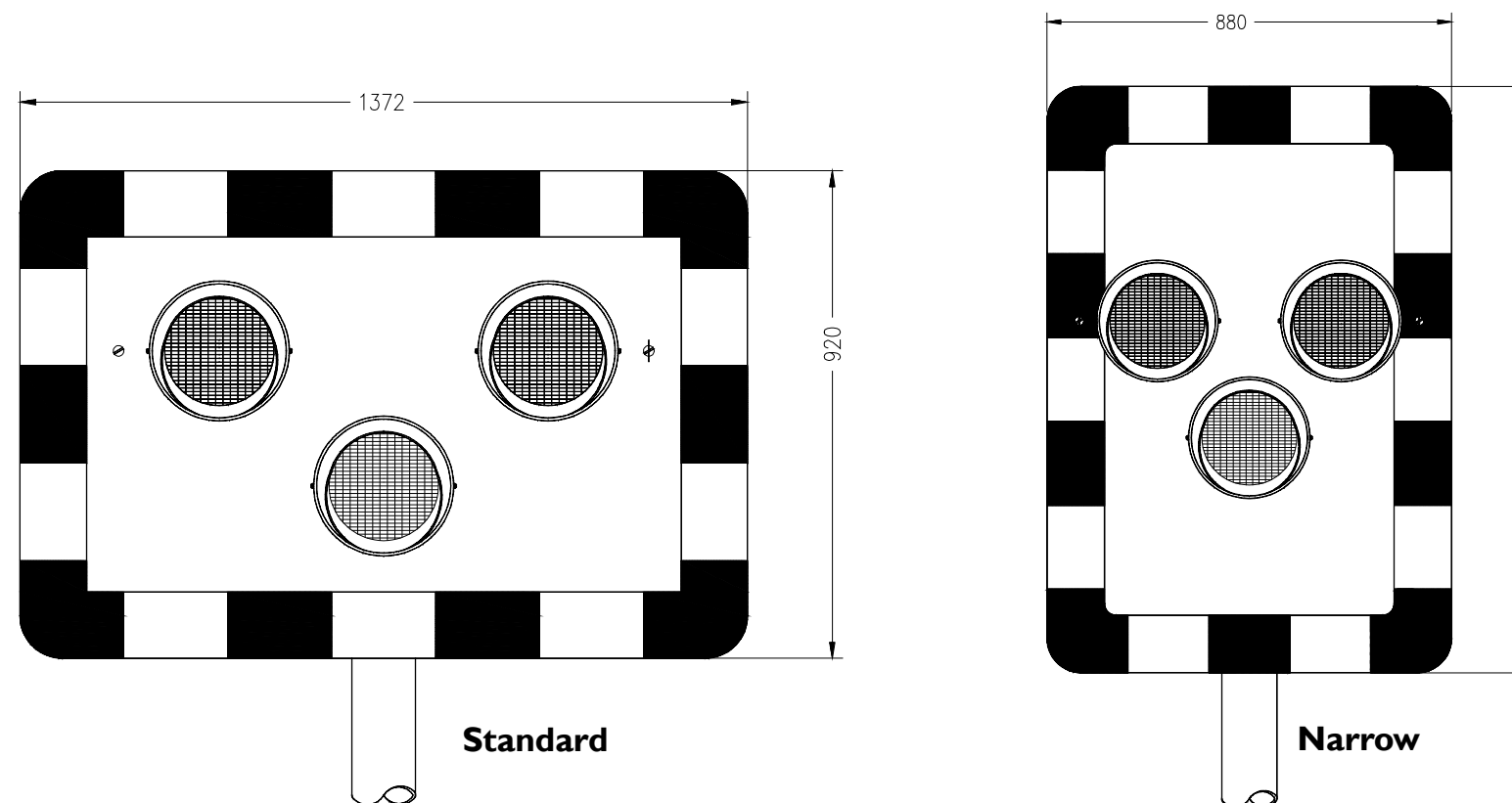
Light Output & Proving

- Maximum Phantom Signal: Class 5
- Performance Level Class: A 3/2

Compatible with Relay and SSI based interlocking systems (BR966 F10 Relay –0086/023451 required).

Modular Construction

Each signal module is a self-contained IP65 sealed unit. The unique optical arrangement reduces the possibility of a display phantom.



Mechanical

- Weight of Module: 4.4kg
- Weight of Lamp and Backboard Assembly: 46.8kg

Available in Standard or Narrow versions.

Flashing Aspects

All aspects must be flashed under the control of a HRP78500 electronic flasher unit (PADS 0085/002475).

Network Rail Product Acceptance No:

PA05/2900 LED Road Traffic Light Signals for Railway Level Crossings (Wig Wag)

PADS No:

LED Wig-Wag Backboard Assembly (Complete Signal) Standard	0086/023394
LED Wig-Wag Backboard Assembly (Complete Signal) Narrow	0086/023449
Standing Red Man Mask	0086/024196
Replacement LED Module (Red)	0086/023395
Replacement LED Module (Yellow)	0086/023396