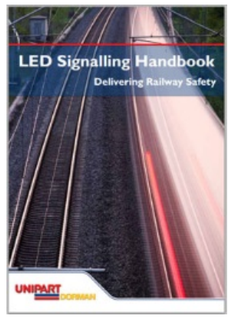
Route Indicator Range

The Route Indicator Range is just part of the wider portfolio of Unipart 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

Unipart Dorman's LED Signaling Range:

With over 25 years of experience in LED Rail Signaling, Unipart 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 Unipart Dorman has in excess of 60,000 signals now installed across the network. Where Unipart Dorman LED signals have been installed, failures and delays associated with the signal heads have been virtually eliminated.

Unipart Dorman, Design & Manufacturing Capabilities:

Unipart 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. Unipart Dorman is a leading light in rail with extensive product ranges available throughout the UK and in more than 30 countries across five continents.

Unipart 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 Unipart Dorman Position Light Signal, introduced in 2000 and the first LED signal which controlled train movement fully approved by Network Rail to Railway Group Standards.

Unipart Dorman product and specifications subject to change and/or modification without prior notice.

Contact Details:

Unipart Dorman's range is distributed through Unipart Rail:

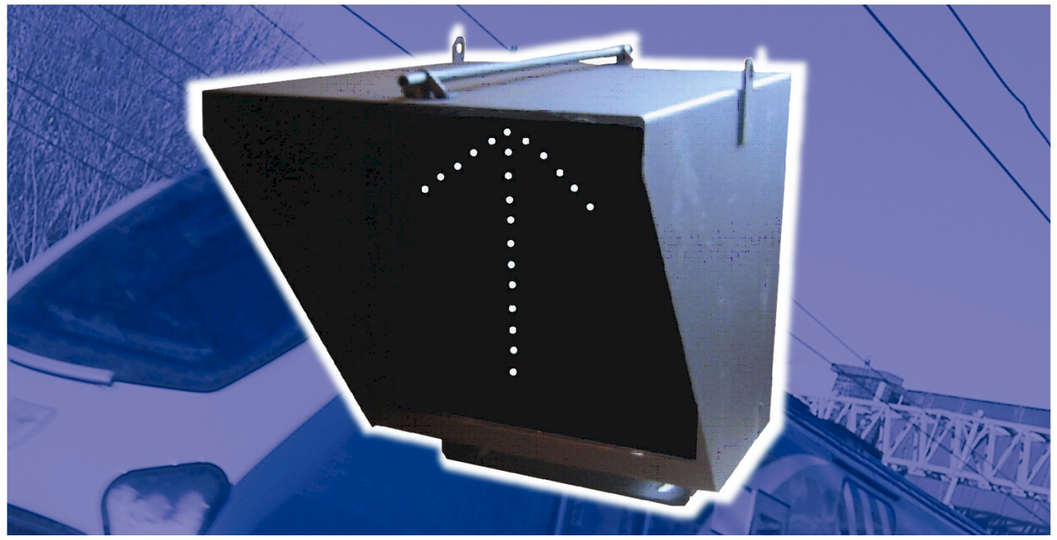
Unipart Rail
Gresty Road
Crewe
Cheshire
CW2 6EH

Tel: +44 (0)1270 847600
E-Mail:
dorman.info@unipartdorman.co.uk

www.unipartdorman.co.uk

UNIPART DORMAN

Preliminary Route Indicator



Unipart Dorman LED Preliminary Route Indicators are fully Network Rail approved, cost effective units which give train drivers advance warning of the route to be taken at a junction ahead.

- Compliant with Network Rail Group Standards GK/RT0045
- LED technology gives a long predictable service life
- Made to specific customer requirements
- Readability to category 2 (250m)
- All indications are lamp proved

Available in all Configurations

UNIPART DORMAN

Preliminary Route Indicator

Product Details

Compliance

- The Preliminary Route Indicator is compliant with Network Rail Group Standards GK/RT0045 and Network Rail BR 1651 Pt1
- Network Rail Approval Cert PA05/03338

Key Specifications

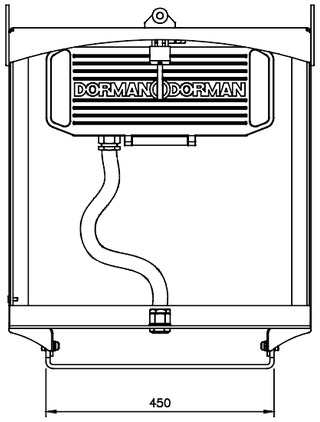
• Operating Temperature Range:	-25°C to +40°C
• Nominal Operating Voltage:	110Vac
• Operating Voltage Range:	Max 121Vac Min 88Va
• Nominal Operating Voltage:	300mA at 110Vac
• Inner and Outer Signal Combined Weight:	35kg

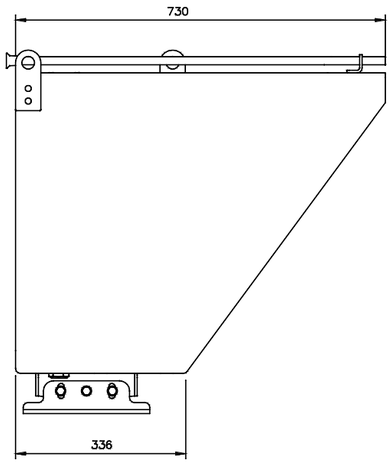
Safety

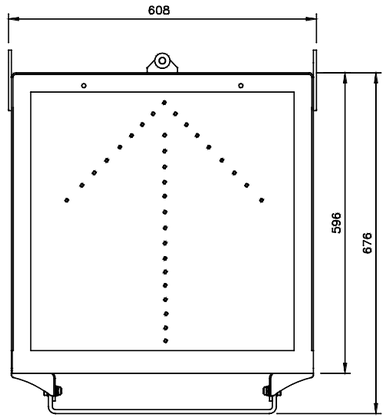
The light weight hinged signal module design enables all signal related maintenance to be performed from a position of safety at the rear of the signal.

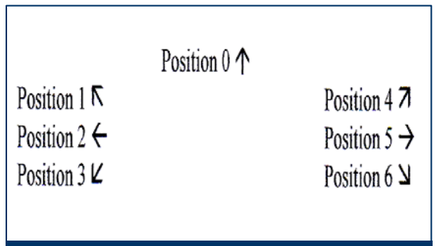
Installation

- The light sources are of a modular design enabling installation and replacement by a single operator via a simple lockable latch mechanism
- All signals are fitted with a fixed sighting device for increased sighting accuracy









Indication

The illustration above demonstrates the indicator positions available.

Termination

The 110Vac supply can be terminated directly onto the standard 2BA terminal bar and slip link assembly at the rear of the unit.

Network Rail Product Acceptance No:
PA05/02433 Preliminary Route Indicator

PADS No:	Position:				
0050/021001	0+1	0050/021006	0+1+2+4	0050/021011	0+1+4+5+6
0050/021002	0+1+2	0050/021007	0+1+4+5	0050/021012	0+1+2+3+4+5
0050/021003	0+4	0050/021008	0+1+2+3	0050/021013	0+1+2+4+5+6
0050/021004	0+4+5	0050/021009	0+4+5+6	0050/021014	0+1+2+3+4+5+6
0050/021005	0+1+4	0050/021010	0+1+2+3+4	0050/021015	0+1+2+4+5

Alignment

To enable alignment of the unit vertical adjustments are made using the hinged tilting mechanism and rotational adjustment is performed via the kidney slots in the signal base.

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