



# Integrated Lightweight Signal

by Unipart Dorman



Maintenance Free Signalling  
from Unipart Dorman

**UNIPART**  
**DORMAN**

INTELLIGENT ENGINEERING, UNIQUE PEOPLE, WORKING TOGETHER

During the last decade Unipart Dorman have introduced a variety of LED signals that provide a long and reliable operational service. The very low failure rates (over 40 million fault free operational hours for GPLs) and slow degradation of the LED intensity, allowed our design engineers to consider how to design the next generation of signals.

The next challenge was to enable the industry to benefit from the signal performance and reduce the whole life costs and operational risks even further.

Unipart Dorman's Lightweight Signalling Range delivers a comprehensive portfolio of products, which are specifically designed to meet the requirement for cost effective lightweight signalling in the 21st century.

Our Lightweight Signalling Range includes:

- Integrated Lightweight Signal (iLS)
- Modular Lightweight Signal (MLS)
- Assisted Lift Trunnion (ALT)

## Benefits of Lightweight Signalling:

- The maintenance free design and complete removal of any requirement to work at height maximises worker safety, by minimising their exposure to risk
- Reduced project costs
- Simple and fast installation
- MIL 5015 Plug Coupler connections compliant with Network Rail T00036 standard
- Unique self-cleaning lens technology
- Increased reliability leading to less network delay costs
- LED Technology provides a long and predictable service life

Lightweight Signalling delivers significant savings on any project by removing the costs associated with providing and installing signal support structures. The maintenance free design and reduced requirement to work at height maximises worker safety, minimising exposure to risk.

*Detailed information including available head configurations, base unit dimensions, mechanical, electrical and optical properties can be found in the Lightweight Signalling Handbook available at [www.unipartdorman.co.uk/LightweightHandbook](http://www.unipartdorman.co.uk/LightweightHandbook).*



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