



**LED Road Traffic Light Signals for Railway Level Crossings (Wig Wag)**

**Benefits**

- > **Compliant with EN 12368:2000 as defined in TR 2206:Issue A:2001 specification for Road Traffic Signals**
- > **Cat numbers  
PA05/02434 Wig Wag Modules  
PA05/02900 Backboard Assembly**
- > **Increased safety and reliability**
- > **Greatly reduced maintenance costs**
- > **LED light sources give a long and predictable service life**
- > **Unique optical arrangement reduces possibility of a signal phantom**
- > **Less affected by variations in supply voltage than quartz halogen lamps**
- > **Can be bulkhead mounted**
- > **Improved visor mounting arrangements**
- > **Signal heads are sealed for life**
- > **Nominal supply voltage of 24V dc**
- > **Reduced vandal risk**

# LED ROAD TRAFFIC LIGHT SIGNALS FOR RAILWAY LEVEL CROSSINGS (WIG WAG)

## Compliances

European Standards EN 12368:2000

## Approvals

Modules PA05/02434  
Backboard PA05/02900

## 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 @ 24Vdc per light source  
Illuminated Area 205mm diameter

## Current Proving

Relay Based Interlocking BR966 F10 pin code 062 (086/023451)  
Flashing Aspects All aspects are capable of being flashed under the control of an electronic flasher unit.  
Flasher unit HRP78500 (085/002475)  
Performance Level Class A 3/2  
Luminous Intensity Distribution M

## Light Output Colour

Red and Amber 1931 CIE boundaries as defined in EN 12368:2000  
Maximum Phantom Signal Class 5  
Shortest Estimated Life (Red) 10 years  
All units fitted with visor MCX 0402  
Environmental Class A  
IP Rating IP55 Class IV  
Impact Resistance IR3

## Weight

Weight of module 4.4kg  
Weight of complete back board assembly 45kg

## Description

	<u>PADS No</u>	<u>Dorman Part No</u>
Red module	086/023395	LWWM2/R/2/50/01
Amber module	086/023396	LWWM2/A/2/50/01
Flasher Unit (HRP78500)	085/002475	
Relay BR966 F10 PCD62	086/023451	

LED Wig Wag assembly (complete) Standard	086/023394	
LED Wig Wag assembly (complete) Narrow	086/023449	

DORMAN  
Rufford Road  
Crossens  
Southport PR9 8LA  
T: +44 (0)1704 220911  
F: +44 (0)1704 232221  
E: sales@dorman.co.uk  
www.dorman.co.uk



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