



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

Red module	PADS No 086/023395	Dorman Part No 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

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