

LED Wig-Wag Road Traffic Light Signals for Railway Level Crossings



Features

- Unique optical arrangement reduces the possibility of a display phantom
- Signal heads sealed for life
- Nominal supply voltage 24V dc
- 205 mm light aperture
- Improved visor mounting arrangements
- Reduced vandal risk
- Unipart Rail will provide full support and spares

Benefits

- 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
- Greatly reduced running and maintenance costs than quartz halogen units

LED Wig-Wag Technical Details

Compliances

European Standards EN12368:2000

Key Specifications

Operating Temperature Range - 25°C to + 60°C
Nominal Operating Voltage 24V dc
Operating Voltage Range Max 31.2V dc Min 18.0V dc
Nominal Operating Current 900mA at 24Vdc per light source
Illuminated Area 205mm diameter
IP Rating IP55 Class IV
Impact Resistance IR3
Environmental Class A

Current Proving

Lamp Proving Relay BR966 F10 PC 062 (086/023451)
Flashing Aspects All aspects are capable of being flashed under the control of an electronic flasher unit
Flasher Unit HRP78500 (086/002475)

Light Output

Red and Amber 1931 CIE boundaries as defined in EN 12368:2000
Maximum Phantom (Signal) Class 5
Shortest Estimated Life (Red) 10 years
Performance Level Class A 3/2
Luminous Intensity Distribution M
Visor – all units fitted MCX 0402

Mechanical

Weight of Module 4.4kg
Weight of Standard Lamp & Backboard Assembly 46.8kg
Module Fastening Nut 30mm A/F
Module Nut Tightness 70nm

Ordering Details

LED Wig-Wag Assembly (Complete) – Standard 086/023394
LED Wig-Wag Assembly (Complete) – Narrow 086/023449
LED Wig-Wag Assembly (No Modules) – Standard 086/023447
LED Wig-Wag Assembly (No Modules) – Narrow 086/023448
LED Wig-Wag Module – Red Spare Part WWM2/R/2 086/023395
LED Wig-Wag Module – Amber Spare Part WWM2/A/2 086/023396
Flasher Unit HRP78500 086/002475
Lamp Proving Relay BR966F10 PC 062 086/023451

Available from:

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