

## **Train Lamps**

Fixed Marker and Tail & Portable Head and Tail Lamps for Added Safety





# Mk3 Portable Flashing Tail Lamp

Cat No 0055/050319

- UK Lamps Flash 120FPM steady and 60 FPM versions available for export
- Compliant with Audibility & Visibility Group Standard GM/RT2131
- Alternative lens colours available for export markets (Green, White & Yellow)
- High impact polycarbonate lens and one piece body moulding
- Retro-reflective red panel (alternative colours available for non-UK applications) Can be printed with unique customer logo's if required
- Battery life approximately 10,000 hours when continuously operated with two 50Ahr air alkaline batteries (Catalogue No 0054/128366)
- Battery condition continuously monitored and indicated on both sides of lamp
- Electronic components sealed in compartment to IP65
- Customer logos can be etched on to the lamp body

### Portable Headlight

Cat No 0017/070014

- Compliant with Audibility & Visibility Group Standard GM/RT2131
- Powered by a rechargeable sealed lead acid battery using a double insulated battery charger
- High powered beam minimum luminous intensity 1200 candela
- Quartz/Halogen bulb 12v 8 watt
- Up to 18 hours continuous use from a single charge
- Body manufactured from high impact xenoy plastic
- Low battery warning indicator



### **LED Fixed Tail Lamp**

Description	Details	Specification
Physical  Mounting options  Operating temperature  Vibration & shock	Single, double & triple units -25°C to +55°C Category IB	RIA 13 : 1990 RIA 20 : 1995
Sealing when Fitted Front of unit Rear of unit Body & lens material	IP 66 IP 44 High impact resistant polycarbonate	EN60529 : 1992 EN60529 : 1992
Photometric Requirements Type of light source Colour of light output Light output Lens	Fully compliant with Group Standard GM/RT2131 LED RED 100 cd min on optical axis High impact polycarbonate	GM/RT2131 GM/RT2131 GM/RT2131
Electrical  Nominal voltage  Nominal current  Nominal wattage  Surge and transients  EMC  Not polarity conscious  Bayonet Connector	IIOv dc         74v dc         24v dc           IIIOv         74v         24v           25mA         25mA         75mA           2.75w         1.8w         1.8w           Yes         Yes         Yes           Yes         Yes         Yes           Yes         Yes         Yes           B22d         B22d         B22d	RIA 13 : 1990 RIA 12 : 1984 BSEN 61000-4-4,5&6



# LED Fixed Tail & Fixed Marker Lamps

- Dramatically reduced train maintenance and running costs
- Unit can be fitted to existing lamp housings quickly and easily
- Increased safety and reliability
- Adapter rings available to fit single, double and triple units
- Supply voltages available 110v dc, 74v dc and 24v dc
- Increased visibility and safety is achieved by a unique optical system and use of LEDs
- Compliant with ENI5153-1 External Visible & Audible Warning Devices for Trains Part 1: Head, Marker & Tail Lamps



### **LED Fixed Marker Lamp**

Description	Details			Specification
Physical Mounting options Operating temperature Vibration & shock	Single, double & triple units -25°C to +55°C Category IB			RIA 13 : 1990 RIA 20 : 1995
Sealing when Fitted Front of unit Rear of unit Body & lens material	IP 66 IP 44 High impact resistant polycarbonate			EN60529 : 1992 EN60529 : 1992
Photometric Requirements Type of light source Colour of light output Light output Lens	Fully compliant with Group Standard GM/RT2131 LED WHITE 300 cd min on optical axis High impact polycarbonate			GM/RT2I3I
Electrical  Nominal voltage  Nominal current  Nominal wattage  Surge and transients  EMC  Not polarity conscious  Bayonet Connector	110v dc 110v 25mA 2.75w Yes Yes Yes B22d	74v dc 74v 25mA 1.8w Yes Yes Yes B22d	24v dc 24v 75mA 3w Yes Yes Yes B22d	RIA 13 : 1990 RIA 12 : 1984 BSEN 61000-4-4,5&6

### **About Unipart**

The Unipart Group is a leading UK manufacturer, full service logistics provider and consultant in operational excellence. Operating across a range of market sectors, including automotive, manufacturing, mobile telecoms, rail, retail and technology, Unipart offers a breadth of services to a wide range of blue chip clients internationally.

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