

# LEDs for Passenger Saloons and Driver's Cab



## In the Driver's Cab

Filament lamps in the driver's cab are unreliable and subject to regular failing. The continual replacement of these lamps is both costly and time-consuming.

Replacing the filament lamps with LEDs not only drastically reduces the maintenance cycle, but it also improves the overall appearance of the panel - giving bright indications to the driver.

The range covers both the panel lamps and gauge-ring lights so all instruments are uniformly lit.

### Panel Refurbishment

Using our range, you can replace just the lamps for an fast and instant improvement. However, if your panel is ageing and damaged, we will produce an entire replacement panel, ready to install into the cab with the minimum of fuss.

### Total Environment Improvement

Our range covers products for the panels, overhead lighting and the reading light – giving a uniform light to the cab, enhancing the driver's environment. And as LEDs use less power and have a longer life, the effect on the wider environment is reduced – saving you fuel and money.

### The Driver's Cab range Covers:

- Reading light
- Gauge-ring lights
- Replacement LED Panel Lamps
- Refurbishment of existing driver's panel
- Supply of new 'plug-and-play' driver's panel
- Fragile toggle-switches replaced with illuminated press-buttons



**LEDs now give provide fantastic light output at a fraction of the running cost of filament lamps. The savings from their long life - both in time and financial - mean that LEDs are now the natural choice for illumination on trains.**

The Unipart Rail/Marl range of LEDs for train interiors covers:

### Saloon Lighting

- Ambient
- MRII and MRI6 spots

### Doors and Door Control

- Passenger door operation
- Step Lighting

### Driver's Cab

- Illuminated buttons
- Gauge rings
- Reading lights

Available from:  
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## Spotlights

Our spotlights have a range of applications including passenger reading lights, vestibules, corridors, toilets and driver's cabs. Replacing Halogen lights, these reduce energy consumption and give a light output which complements the Sci-light illumination.

The rugged but stylish fittings utilise the latest high-flux LED emitters and, coupled with specially designed optics, provide a uniform pool of controlled illumination for both reading and general area illumination.

The light output is controlled to ensure a consistent output of light over the life of the fitting.

Efficient power supply circuits are used to allow easy connection to a vehicle supply, maximising the overall efficiency of the luminaire, reducing heat generation and power consumption.

### The benefits of our Spotlights:

- Direct plug-and-play replacement of existing halogen spots
- Replacement lamps or complete fittings supplied
- MR11 and MR16 version for different areas
- Very low maintenance
- Up to 80,000 hours of continuous use
- Power savings of 40-80% can be achieved

## SCI-LIGHT

Sci-Light overhead Saloon Lighting dramatically improves the ambience of the passenger environment, providing superb illumination without 'harsh' effects.

### The benefits of Sci-Light:

- Offers energy savings of up to 70% when compared to the equivalent length fluorescent tube
- LED life expectancy of 10-15 years service life
- 5 year warranty
- 95% recyclable
- Illumination levels above industry standard
- Even and consistent light throughout vehicle
- Virtually no maintenance, annual check only
- Easy clean surfaces
- Increased headroom
- Shock and Vibration resistant
- Cool running – very low heat signature
- Intelligent integral ambient life level dimming system
- Integral Emergency Lighting in development



## Door Control Panels

Continuous use and mechanical wear go hand-in-hand. With our range of door presses, you can be confident that our presses will withstand repeated in-service use they will receive.

The panels are designed and constructed to meet the requirements of your vehicle - multiple buttons, lit displays and shaped to your needs - and are supplied to 'plug and play'

### The benefits of our Door Control Panels

- Pre-programmed with set of 5 tones widely used in the industry
- Programmable with custom tunes
- Adjustable volume for day/night operation
- Environmentally sealed to IP69K
- Raised symbols for the visually impaired