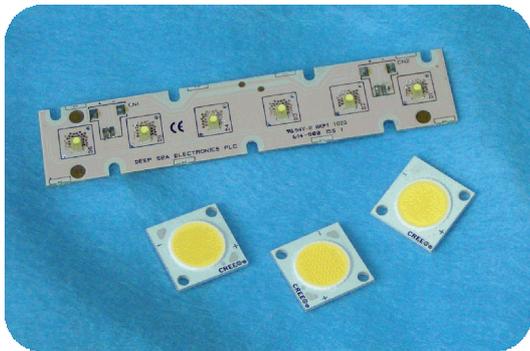


# Bespoke LED Lighting UK Manufacture

## Gear Tray



LED arrays



Car park gear tray



Down/up light gear tray

### Applications

- Street lighting
- High bay
- Low bay
- Tunnel
- Canopy
- Suspended ceiling lighting
- Flood lights
- Car park lights
- Commercial down lights

A replacement gear tray is an ideal solution when the existing luminaire is in good condition or it is important to maintain the existing appearance.

### Description

When upgrading it is often a requirement to replace only the gear tray in inefficient luminaires to reduce maintenance, running costs and carbon emissions. Major additional advantages being that the external appearance of the luminaire remains unchanged and there is no structural rework of walls, ceilings or ground ensuring upgrade costs are kept to a minimum.

Depending on the application, Earlsmann manufacture a unique gear tray using either a Philips LED module or CREE array to ensure quality and reliability.

Where possible, reflectors, rather than lenses, are used to focus the light as they are more efficient and allow precise cutoff.

### Features

- Low power consumption
- Instant start
- Long life
- No mercury

### Benefits

- Reduced energy usage, reduced CO2
- Full brightness at turn on
- Reduced maintenance costs
- Simplified disposal at end of life

### Specifications

|                        |                                     |
|------------------------|-------------------------------------|
| Colour Temperature     | 3000-6000K depending on application |
| Colour Rendering Index | >77Ra (depending on colour)         |
| Voltage                | 240Vac                              |
| LED Drive Current      | up to 700mA                         |
| Markings               | CE                                  |
| Efficacy               | >80Lm/W                             |
| Power Factor           | >0.9                                |
| Life                   | >60000hrs (L70, B10)                |
| LED                    | Philips ES or CREE XLamp            |

### Options

- Emergency function
- Dimming
- Supply voltage
- Single colour or RGB LED

### Lumen Output

LEDs provide very directional light so normally only 25%-30% power is required compared to a traditional light source. The maximum power is determined by the size of the enclosure and the amount of heat that can be dissipated from the LEDs.

### Ordering and Technical Support

If you would like help and advice on upgrading your existing lighting stock please call us on 08456 434740