



## telent's 4th Generation LED Signal Head

The 4th Generation telent LED traffic signal delivers an aesthetically pleasing, low profile body alongside very low power consumption and proven reliability.

### Overview

The 4th Gen LED traffic signal is a robust and weather resistant module, sealed to IP65, with an optical performance compliant with TSRGD and BS EN 12369.

The design allows economic implementation of single aspect green arrows and regulatory signs, two, three, four and five in line assemblies and side box options.

A simple setup process allows for accurate installation and adjustments, retained by a proven toothed interlocking end cap, with high torque capacity. The smaller size and lower weight of the signals alleviates installation difficulties that may be encountered with older and bulkier units.

The low power consumption and heat dissipation prevents dirt from being baked onto the lens, or any thermal degradation.

### Features

- Five year warranty
- Very low power consumption
- LV & ELV variants available
- Compatible with controller lamp monitoring
- Low profile housing
- Fit and forget backing boards available
- Conforms to EU and UK directives and Standards
- Smaller unit size for easy install
- Clip-in Green Arrow Masks
- Regulatory signs available

## Technical Specifications

### Dimensions (mm)

3 aspect assembly excluding visors:

Without backing boards 1130(h)x350(w)x170(d)

With backing boards 1230(h)x450(w)x170(d)

Mountings with standard brackets are compatible with standard pole positions.

### Weight

11kg including brackets and hoods.

### Materials

Body—glass reinforced black UV stabilised polyester.

End Covers & Doors—Black UV stabilised polycarbonate.

### Light Output

Complies with BS EN 12368 and TSRGD (2002).

### Symbols

All standard symbols are available on request.

### Power Consumption

8W Bright, 4W Dim nominal.

### Operating Voltage

140-260V AC, 50Hz (Dim 140—170 Vac)

ELV—48V AC

### Standards

In conformance with:

- EN 12368
- EN 50293
- EN 60529
- EN60598

### Operating Temperature

-20 to +70C

### Hoods

Hoods are fixed to the module door using plastic rivets. They are supplied in kit form for site or depot assembly.

## Summary:

- LV & ELV
- TSRGD and BS EN 12368 Complaint
- Sealed to IP65
- Clip-in, rotatable Green Arrow masks
- Galvanised black powder coated brackets
- Kopex gland supplied as standard

## Benefits:

A slimline, secure and low power consuming LED Signal, permitting improved visibility for road users, whilst delivering energy saving benefits.

