

ULTRA Traffic Signal Head

Product Features

- Modular polycarbonate construction.
- Halogen, LV and ELV LED illumination options.
- Maintenance friendly, with easy lamp change gravity lock hinges & doors which conveniently lock in the open position.
- Multiple internal fixing points for ancillary equipment.
- Lower energy costs through reduced energy consumption on LV and ELV LED versions.
- A variety of aspect assembly options.
- 5 Year return to base warranty on LV and ELV LED versions.
- Removable full size door in 200mm and 300mm aspect variants.
- Flexible options for regulatory signs and other requirements.
- LV and ELV LED versions feature specially designed lenses, which offer the highest protection from traffic flow and vandalism.
- Advanced internal driver board controls the LED's, offering optimum performance with reduced energy consumption.

The Ultra Traffic Signal is a highly flexible, modular polycarbonate traffic signal housing built to exacting standards in the UK. It's simple and robust yet advanced design offers clear signalisation whilst blending into the street environment without detracting from its surroundings.

The Ultra Traffic Signal is available in traditional halogen and a variety of LED LV and ELV illumination options. The modular construction of the Ultra can easily be configured for many different assembly options with all types of side mounted box options catered for.

The Ultra Traffic Signal accommodates a wide range of flexible yet robust hoods, including primary, secondary, pedestrian, tunnel, cutaway and louvre. A range of high quality backing boards is available to accommodate all aspect configurations with standard, class 1 retro-reflective finish and Ramp Metering options.

Motus can offer LEDs with integrated lamp monitoring compensation for direct retrofit to legacy halogen sites, without the need for a controller configuration update. For standard low power LEDs, Motus Traffic's patented Load Compensation Unit can provide lamp monitoring, as well as advanced red lamp monitoring.

Due to continuous efforts to develop products that are responsive to customer needs, the above specifications are subject to change



Head Office

342 Coleford Road
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Technical specification

DIMENSIONS

100.0 cm x 37.0 cm x 21.0 cm (L x W x H)

WEIGHT

14.00 Kg (Based on RAG halogen configuration)

ASSEMBLY OPTIONS

A variety of aspect assembly options available

Flexible options for side boxes and other requirements Backing boards available for all assembly options

Class 1 High visibility tape option available

REGULATORY

Phantom Light 16:1 (Class 5) acc. to EN12368

Optical Data acc. to EN12368

EMC and electrical requirements acc. to EN12368

Temperature range acc. to EN12368 A, B, C

ASPECT TYPES

Red, amber, green, green ahead arrow, green left arrow,

green right arrow, red/green man, red/amber/green cycle,

red/green equestrian and pedestrian blackout countdown

POWER CONSUMPTION (TYPICAL)

Halogen

Red 50W, Amber 50W, Green 50W LV HALOGEN

Red 10W, Amber 10W, Green 10W ELV LED

Red 13W, Amber 13W, Green 13W LV LED

TESTING

Highways Agency Yate Labs (2002) BSI (2003, 2006, 2008)

LIGHT SOURCE

Range of options available including traditional halogen,

LED both Central Light Source and Array

Halogen

Single filament high quality long life lamp (4000Hr installed as standard)

Custom design transformer for improved economy and lamp life

Custom designed reflector & lens for maximum output & minimum phantom light

LV LED

230V/160V(typical), central light source or array, high lux output

ELV LED

48V/28V(typical), central light source or array, high lux output

LOAD COMPENSATION UNIT

Load compensation Units are available for the various LED options including the very latest MOTUS designs that further reduce power usage and improve compatibility with controllers

WARRANTY

5 year return to base warranty on LED and ELV LED versions 12 months warranty on halogen versions (excluding lamp)



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