

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.
- Single, two, three and four 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 single, two, three and four aspect 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 both standard and class 1 retro-reflective finish options.

The LV and ELV LED versions feature an integrated driver board which controls the LED's. This unit detects and compensates for LED failures, offering optimum performance throughout the service life of the aspect. Motus Traffic's patented Load Compensation Unit provides 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



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

Single, two, three and four aspect assemblies

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 man, green man, amber cycle, green cycle and green equestrian

POWER CONSUMPTION (TYPICAL)

Halogen

Red 50W, Amber 50W, Green 50W

LV LED

Red 13W, Amber 13W, Green 13W

ELV LED

Red 13W, Amber 13W, Green 13W

TESTING

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

LIGHT SOURCE

Range of options available including traditional halogen, Central Light Source LED and LED 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

Compatible with Motus, Siemens, Peek and Telent controllers

ELV LED

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

Compatible with Motus, Siemens, Peek and Telent 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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