

ALUSTAR Traffic Signal Head

Product Features

- LEV and LV illumination options
- Lower energy costs through reduced energy consumption on both ELV and LV LED.
- 5 year return to base warranty.
- Optimum signal perception through high quality luminance.
- Uniform signal appearance through centralised homogenous light distribution.
- Highest phantom performance
- Advanced LED driver board which controls the LED's and optics, offering optimum performance and long life.
- Specially designed lenses offer the highest protection against possible damage from traffic flow and vandalism.
- Load Compensation Unit (LCU) provides lamp monitoring as well as advanced red lamp monitoring.

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The ALUSTAR is a new generation of aluminium traffic signals that integrate high performance LED's into a patented optical system that gives optimum light output and the highest quality traffic signalisation, which is backed by a 5-year warranty.

The ALUSTAR is an attractive and appealing signal, which can blend into the street environment without detracting from its surroundings as well as performing clear and unmistakable signalisation.

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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Sheffield
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Technical specification

DIMENSIONS

95.0 cm x 34.0 cm x 13.4 cm (L x W x H)

WEIGHT

15.00 Kg (Based on RAG 230V_{AC} LED configuration)

SIGNAL CONFIGURATION

3 Aspect Red/Amber/Green, Red/Amber/Green Cycle

2 Aspect Red/Green Man

ELV LED

48V_{AC}/28V_{AC} central light source, high lux output

LV LED

230V_{AC}/160V_{AC} central light source, high lux output

POWER CONSUMPTION (TYPICAL)

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

Red 10W, Amber 10W, Green 10W LV LED

MATERIAL (Aspect)

Lens Polycarbonate

Housing Polycarbonate Blend

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

RED LAMP MONITORING

Compatible with Motus, Peek, Siemens and Telent/Microsense controllers.

TESTING

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

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

Lens impact resistance acc. To EN 60598-1

WARRANTY

5 year return to base warranty on ELV and LV versions

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