

# Aldridge Traffic Systems

A Subsidiary of Traffic Technologies Ltd



## 300MM INCANDESCENT VEHICLE LANTERNS

### FEATURES

#### 300MM INCANDESCENT LAMP POWERED LANTERNS OFFER:

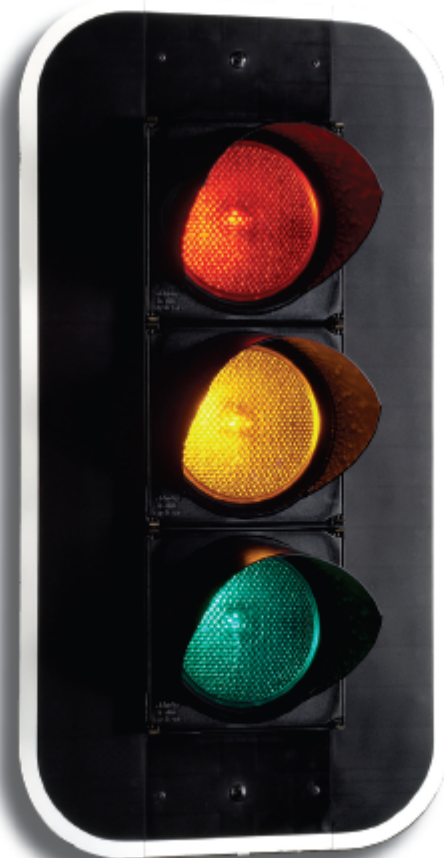
- Australian Standard AS/NZ2144:2002 extended range performance
- Proven performance
- Modern durable thermoplastic materials
- Structural strength
- Polycarbonate lenses
- Adjustable lantern mounting centres
- Quality aluminium reflectors
- Pre-focused lamp sockets
- Easy access for lamp change and reflector cleaning
- Dual hinging doors
- Design suitable for all weather and operating environments
- Injection moulded, or aluminium pressure diecast, modular housing components
- Wide range of accessories
- Compatible with 200mm lanterns for mounting of mixed combinations

Aldridge Traffic Systems (ATS) 300mm incandescent lamp powered lanterns (as illustrated) have evolved from over twenty five years of experience in traffic signal lantern design and production.

The ATS 300mm lantern utilises a proven lantern housing design. Through the use of thermoplastic or diecast material selection and production control, a long life and durability of the lanterns is ensured.

Lenses are available which will meet American ITE, British Standards BS505 and Australian AS/NZS2144:2002 chromaticity performance requirements. The colour fast properties of lenses are operationally proven.

The lanterns are designed to nest, permitting compact multi-lantern post (pedestal) mounting. Visors and target boards are specially designed for easy in-field replacement, in the event of damage.



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### LANTERN OPTIONS

Lanterns can be supplied with symbol displays: arrow, cross and tee (or special), in any combination of aspects. Lunar white lenses are also available.

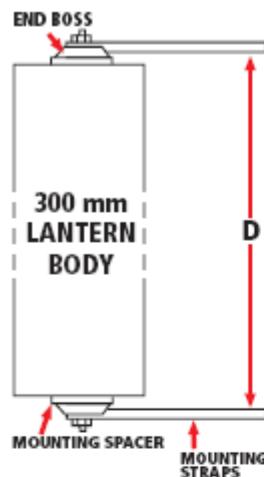
Customers may specify lanterns fitted with target boards, visors(cowls). Selected mounting straps and connecting cable lengths to suit individual needs, to special order.

### Accessories

ATS vehicle lanterns are available with a full range of accessories including:

- Target boards with white border
- Target boards without border
- 250mm, 300mm and 500mm mounting straps
- 300mm long, open type visors
- 300mm long, closed type visors
- Left and right cutaway visors in 300mm and 400mm lengths
- Half and full horizontal louvres

### LANTERN MOUNTING DETAILS



Body Dimension - 351mm width x 290mm depth

Aspect	Dimension "D"
One Aspect	Min 360mm Standard 397mm
Two Aspect	Min 720mm Standard 74mm
Three Aspect	Min 960mm Standard 1097mm
Four Aspect	Min 1420mm Standard 1437mm

Dimensions +/- 2mm (other dimensions in 7mm adjustments, available).

### Lamp

Wattage	100 and 150 Watts
Rated Voltage	240 / 230 Volt
Light Output	670 and 1000 lm
Burning Position	Filament lead wires uppermost

The lantern will accept Phillips type No. 13526 6611, Tungsram No. 32160 or Wontan (Osram) Cat. No. 64015 type lamps, having base type PKX.225

### Typical Chromacity Co-ordinates

Red	x=0.680	y=0.319
Yellow	x=0.567	y=0.431
Green	x=0.218	y=0.524

### Complies with requirements of AS/NZS2144:2002

### Symbol Displays

To give reliable symbol, lantern aspect displays, ATS offer arrow symbols, punched and formed to fit snugly on the inside concave surface of the lens.

These symbols are manufactured from aluminium. They serve to eliminate peeling problems, enhance lantern cleaning and product versatility. The symbols available for 300mm vehicles lanterns include:

- Arrow masks to AS/NZS2144:2002 and BS505. These universally suit right turn, left turn, straight ahead applications. The masks may be mounted in any red, yellow or green aspect.
- Special masks to suit Bus (B), Tram (T), or similar are available and the internal mask concept permits ATS to generate displays to suit a variety of client needs and specifications.

