

300mm LED VEHICLE LANTERNS

FEATURES

- Meets all requirements of AS/NZS2144:2002
- High luminous output
- Operates in high temperatures
- Moisture resistance
- LED's driven at low current in order to avoid premature ageing
- Compatible with existing Traffic Controllers in relation to dimming and monitoring
- Long term reliability and operational life
- Low output degradation
- Low sun-phantom intensity
- No veiling reflection
- Coloured lens in compliance with colour requirement of CIE/AS/NZS2144:2002
- Meets the "Shut-down" requirement of AS/NZS2144:2002
- Can operate with solar power
- Durable thermoplastic components
- Exceptional structural strength
- Injection moulded or aluminium pressure diecast modular housing components



SPECIFICATIONS – VEHICLE

	RED	YELLOW	GREEN
LUMINOUS OUTPUT	850cd	1800cd	900cd
POWER CONSUMPTION (TRUE R.M.S)	29 watts	32 watts	30 watts
TYPICAL CHROMATICITY CO-ORDINATES	X = 0.671 Y = 0.319	X = 0.562 Y = 0.431	X = 0.128 Y = 0.491

SPECIFICATIONS – ARROWS

	RED	YELLOW	GREEN
LUMINOUS OUTPUT	9000cd/m ²	22000cd/m ²	8000cd/m ²
POWER CONSUMPTION (TRUE R.M.S)	11 watts	13 watts	14 watts
TYPICAL CHROMATICITY CO-ORDINATES	X = 0.671 Y = 0.319	X = 0.562 Y = 0.431	X = 0.128 Y = 0.491

Complies with requirements of AS/NZS2144:2002

Electromagnetic Compatibility:

Complies with the requirements of AS/NZS4252.1, IEC61000-4-5, IEC1000-6

FEATURES

- U.V. stabilise components
- Adjustable lantern mounting centres
- Dual hinging doors
- Available with wide range of accessories
- IP35 protection
- Lanterns are available in 1,2,3 or 4 aspects
- Door locking clips available as an anti theft device

BENEFITS

- Substantial energy and cost saving
- Long reliable service life
- Low maintenance
- Uniform lens illumination
- LED lanterns can be made available to meet specification of American ITE, British Standard B5505 and DIN 6163

LANTERN OPTIONS

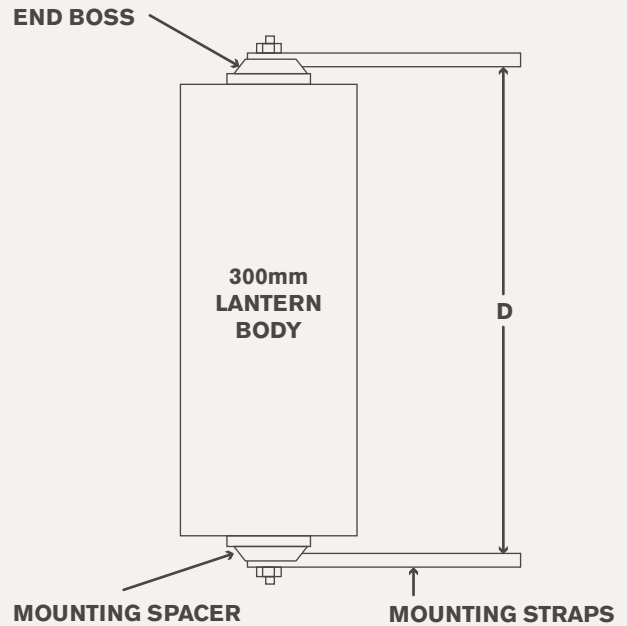
ATS 300mm LED's Lanterns are normally available in one, two or three aspect sizes, but the modular design permits ATS to supply lanterns with four or more aspects to order.

Lanterns may be supplied with arrow (or special) display in any specified combination of aspects.

Customers may specify ATS lanterns fitted with target boards, visors, mounting straps and louvres etc. Special length interconnecting cable is also available on special order.

MOUNTING DIMENSIONS

BODY DIMENSION - 260mm width x 208.2mm 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)	



ACCESSORIES

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

- Target boards with white border
- Target boards without border
- 250mm, 300mm & 500mm mounting straps

Our 300mm diameter visors come in the following sizes:

- 300mm long, open type visors
- 300mm long, closed type visors
- Left and right cutaway visors in 300mm & 400mm lengths
- Half and full vertical louvres
- Half and full horizontal louvres