

# LED VEHICLE LANTERNS 200mm



Complies with requirements of AS-2144  
Electromagnetic Compatibility:  
Complies with the requirements of AS/NZS4252.1,  
IEC61000-4-5, IEC1000-6

## FEATURES

- Meets all requirements of AS-2144
- Available in Aluminium, Polycarbonate and Recyclable Go Green Enviro Housing
- 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-2144
- Meets the "Shut-down" requirement of CIE/AS-2144
- Can operate with solar power
- Durable thermoplastic components
- Exceptional structural strength
- Injection moulded or aluminium pressure diecast modular housing components

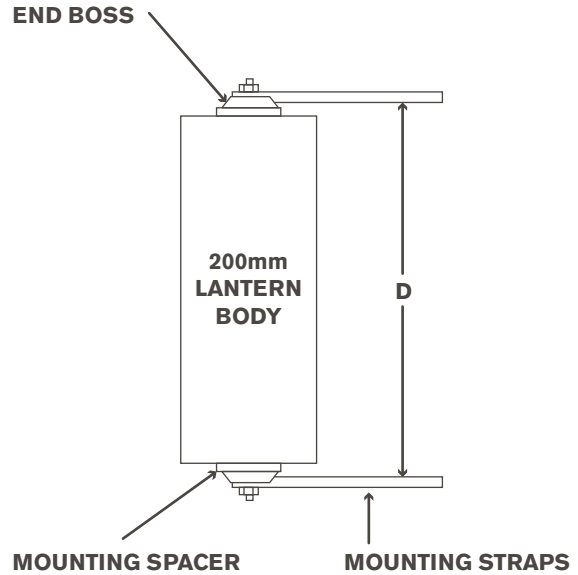
## SPECIFICATIONS — VEHICLE

	RED ASPECT	YELLOW ASPECT	GREEN ASPECT
<b>LUMINOUS OUTPUT</b>	460cd	800cd	520cd
<b>POWER CONSUMPTION (TRUE R.M.S)</b>	5.4 watts	10 watts	5 watts
<b>TYPICAL CHROMATICITY COORDINATES</b>	X = 0.687 Y = 0.311	X = 0.540 Y = 0.438	X = 0.099 Y = 0.611

## SPECIFICATIONS — ARROWS

	RED ASPECT	YELLOW ASPECT	GREEN ASPECT
<b>LUMINOUS OUTPUT</b>	8247cd/m <sup>2</sup>	17216cd/m <sup>2</sup>	7000cd/m <sup>2</sup>
<b>POWER CONSUMPTION (TRUE R.M.S)</b>	6 watts	6 watts	5 watts
<b>TYPICAL CHROMATICITY COORDINATES</b>	X = 0.688 Y = 0.311	X = 0.568 Y = 0.434	X = 0.099 Y = 0.542

RED ASPECT	YELLOW ASPECT	GREEN ASPECT
X = 0.699	X = 0.572	X = 0.078
Y = 0.303 Pass	Y = 0.429 Pass	Y = 0.587 Pass



## FEATURES

- U.V. stabilised 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, DIN 6163 and BSEN 12368:2006

## LANTERN OPTIONS

Aldridge 200mm LED's Lanterns are normally available in one, two or three aspect sizes, but the modular design permits Aldridge 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 Aldridge 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 295mm Standard 317mm
Two Aspect	Min 549mm Standard 577mm
Three Aspect	Min 802mm Standard 858mm
Four Aspect	Min 1056mm Standard 1112mm

Dimensions +/-2mm (Other dimensions in 7mm adjustments available)