

PEDESTRIAN LANTERNS

FEATURES

These lanterns are produced using the same modular construction techniques and many of the same components used in producing the Aldridge Traffic Systems ATS range of vehicle lanterns. Many component parts of the housing are therefore interchangeable. The pedestrian lantern housing therefore features:

- Durable thermoplastic components
- Exceptional structural strength
- U.V. stabilised components
- Adjustable lantern mounting centres
- Injection moulded or aluminium pressure diecast modular housing components
- Suits all weather and operating environments
- Available in 200mm and 300mm lanterns

Pedestrian lantern are normally supplied complete with the rectangular visors as illustrated. Two basic optical systems, the incandescent lamp and quartz halogen lamp options are available. The features of these two optical systems are detailed below.

INCANDESCENT LAMP OPTIONS

- Anodised aluminium reflectors
- Performance to AS/NZS2144:2002
- Internal mounting symbolic masks
- Easy access for cleaning and lamp replacement
- Operationally proven product
- Pre-focused lamp sockets

QUARTZ HALOGEN LAMP OPTIONS

- Top quality reflectors
- Performance to International standards
- Internal mounting symbolic masks
- Dust sealed beam enclosure
- Quality Class H transformers
- Accepts Q.H. lamps available from several leading lamp manufacturers
- Simple reliable lamp holder. One handed operation to replace lamp



AVAILABLE SYMBOLS

Australian Standard AS/NZS2144:2002
Symbols for Pedestrian Signals



“DON'T WALK” (DONT CROSS)
SYMBOL

British Standard BS505, BS1376
Symbols for Pedestrian Signals



“DON'T WALK” (DONT CROSS)
SYMBOL

Australian Standard AS/NZS2144:2002
Symbols for Pedestrian Signals



“WALK” (CROSS)
SYMBOL

British Standard BS505, BS1376
Symbols for Pedestrian Signals



“WALK” (CROSS)
SYMBOL

TYPICAL CHROMATICITY CO-ORDINATES

RED	GREEN
X = 0.687	X = 0.204
Y = 0.313	Y = 0.520

200mm LED PEDESTRIAN 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

	RED	YELLOW	GREEN
LUMINOUS OUTPUT	350cd	720cd	305cd
POWER CONSUMPTION (TRUE R.M.S)	11 watts	15 watts	15 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
- Door locking clips available as an anti theft device

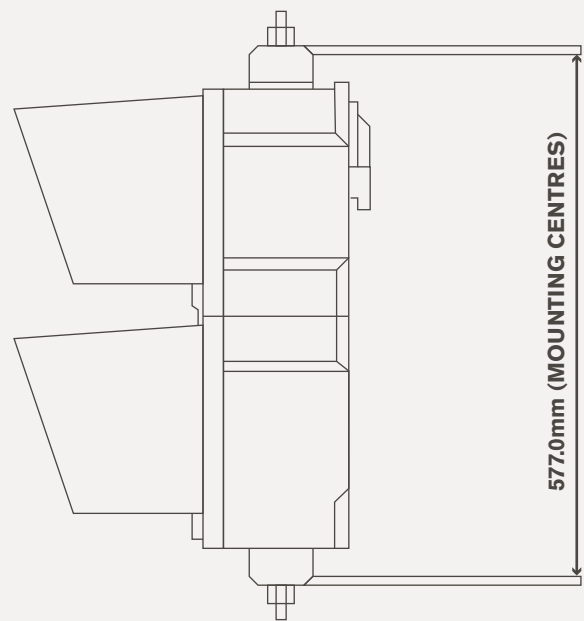
BENEFITS

- 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

ACCESSORIES

- Pedestrian lanterns are supplied complete with visors and mounting straps

MOUNTING DIMENSIONS



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