

24V DC LED SIGNAL LANTERNS

Aldridge Traffic Systems have been developing LED traffic signal lanterns with a field record of high reliability optics. These LED signal lanterns can operate directly from 24V DC supply and are designed with smooth, uniform light distribution with IP65 rated protection against moisture and dust, which make them ideal for use in mining applications.

FEATURES

- Operate directly from 24 V DC
- High power (lux/watt) efficiency
- IP65 rated enclosure protection against dust and moisture
- High quality InGaN and AlInGaP LED
- Low power consumption
- Light weight design
- Low sun-phantom
- No veiling reflection
- Coloured clear lens in compliance with requirement of CIE/AS/NZS2144:2002
- Durable thermoplastic components
- Exceptional structural strength
- High temperature tolerance



SPECIFICATIONS – VEHICLE

| | RED | YELLOW | GREEN |
|---|------------------------|------------------------|------------------------|
| VOLTAGE (VDC) | 24V | 24V | 24V |
| POWER CONSUMPTION (TRUE R.M.S) | 4 watts | 4 watts | 4 watts |
| COLOUR CHROMATICITY CO-ORDINATES | X = 0.687 Y = 0.311 | X = 0.540 Y = 0.438 | X = 0.099 Y = 0.611 |
| DIAMETER | 200mm | 200mm | 200mm |
| OPERATIONAL TEMPERATURE | -15°~70° C | -15°~70° C | -15°~70° C |