LED TRAFFIC LANTERNS

100mm 12-24Vdc

This LED type traffic lantern is suitable for a variety of applications where there is a need for traffic control or indication such as car parks, mine sites, race circuits, weigh bridges, car & truck washes.

Made from quality materials, this traffic lantern is dust proof and weatherproof, and has much lower energy consumption and maintenance costs than incandescent or fluorescent lamps, as well as a much longer operational life.

The red, yellow, and green LEDs are brighter than most lamps and will operate satisfactorily at very low voltages, making them ideal for use in harsh environments or where safety is paramount.

This unit is very similar to those normally seen at traffic signal-controlled intersections, with a comparable light output.

Available in Red, Amber, Blue or Green LED Modules.

Specifications

Power Supply: 12-24Vdc

Power Consumption: 80mA @ 12Vdc, 50mA @ 24VDdc (Red and Yellow Module) 150mA @ 12Vdc, 80mA @ 24Vdc (Green Module) Average life of LEDS: 80,000 hours.

Lens diameter: 100mm.

Number of LEDs: 45 per aspect.

Light output: > 2000mcd/m

Dominant wavelength: Red 625nm +/- 5, Yellow 590nm +/- 5, Green 505nm +/- 2 Housing: PMMA, UV stabilized.

Mass: 1.6kg (2 aspect) 2.4kg (3 aspect)

IP rating: IP65

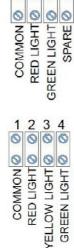Sun visors: Fixed.

Operating Temp: -40°C ~ +80°C

Dimensions:

Wiring

Two Aspect 200mm Traffic Lantern:
1 - Common (GND)
2 - LED Module (+12-24Vdc)
3 - LED Module (+12-24Vdc)
4 - Spare

Three Aspect 200mm Traffic Lantern:
1 - Common (GND)
2 - LED Module (+12-24Vdc)
3 - LED Module (+12-24Vdc)
4 - LED Module (+12-24Vdc)

Part Numbers:

1. 100mm 2 Aspect 12/24Vdc - AGD12
2. 100mm 3 Aspect 12/24Vdc - AGD13