ALS
AIRPORT LIGHTING SPECIALISTS

PAL LED

Permanent Airfield Light

MOS 139 compliant portable lighting

Airport
Lighting
Specialists
Pty Ltd

**ELEVATED
RUNWAY LIGHT**

Ph: (03) 9432 0511
Made in Australia

Features

- PAL LED lights are NATA certified and MOS139 compliant.
- Made tough for harsh Australian conditions.
- LED light source – extremely long life.
- Power consumption only 10% of incandescent lamps.
- Power savings of 50-75% over entire system.
- Tough UV stabilized polycarbonate lens.
- ASA body that won't rot, rust or crumble.
- Lenses are guaranteed for 5 years.
- (You can't break a single-colored lens).
- We make them, so spares are always available.
- Superior design means lenses don't jam or break.

Easy mounting

- PAL lights can be screwed to the top of a pit with the series isolation transformer located directly below.
- Other mount options are available.
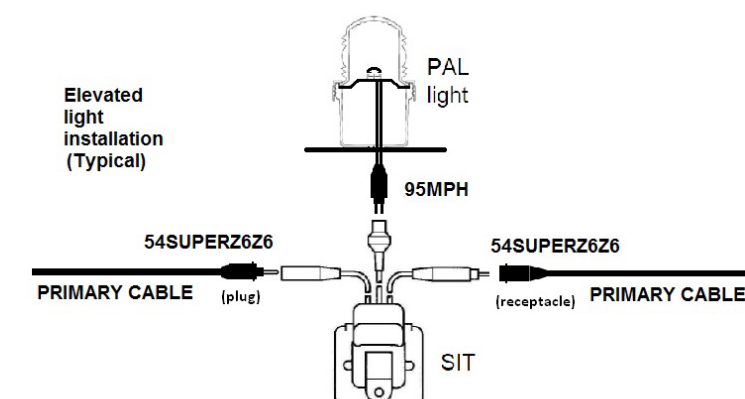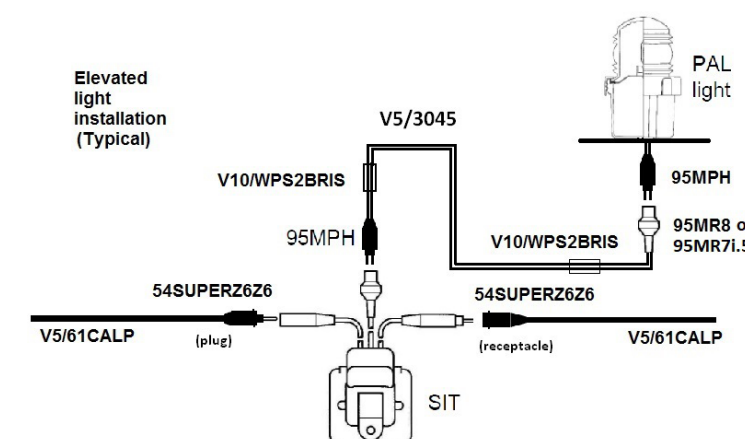- Contact us if you need additional information – we stock all the parts you need.

They are tough!

- Just to show how tough they really are: that's a 3 tonne truck parked on a PAL lens!
- (Don't try this with a glass lens).

LED PAL lights for 6.6 Amp circuits

- Upgrading to LED can be simple.
- LED light engine is compatible with existing PALs.
- Current specific LED SIT ensures precise light output.
- Cable losses and connection stress are reduced due to lower secondary current.
- Low power requirement means a smaller MIT is needed.
- Lower primary voltages may reduce trenching depth and therefore installation cost.

Elevated light installation (Typical)

V5/3045
V10/WPS2BRIS
95MPH
54SUPERZ6Z6
V5/61CALP
(plug)
SIT
PAL light
95MPH
95MR8 or 95MR7i.50
V10/WPS2BRIS
54SUPERZ6Z6
(receptacle)
V5/61CALP

Elevated light installation (Typical)

PAL light
95MPH
54SUPERZ6Z6
PRIMARY CABLE
(plug)
SIT
54SUPERZ6Z6
(receptacle)
PRIMARY CABLE

Ordering

Shipping Dimensions

- Installed height 195 mm
- Lights per carton 1 piece
- Carton size 150x150x210 mm
- Packed weight 0.6 kg

Compliances

- **Civil Aviation Safety Authority Australia**
  Part 139 (Aerodromes) Manual of Standards 2019
  Sections 9.52, 9.57, 9.62, 9.63, 9.65, 9.68, 9.93
- **Independently tested in NATA accredited laboratory**
- **International Civil Aviation Organization**
  ICAO Annex 14, Volume I, Chapter 5,
  Sections 5.3.9.9, 5.3.10.9, 5.3.11.4, 5.3.18.7, 5.3.18.8

PAL LED Lights

Colour	Stock Code
White	PALLEDMOSCLEAR
Red/Green	PALLEDMOSREDGREEN
Green	PALLEDMOSGREEN
Red	PALLEDMOSRED
Blue	PALLEDMOSBLUE
Yellow	PALLEDMOSYELLOW

Series Isolation Transformers

Current	Stock Code
6.6A/700mA	PALLEDSIT6.6A/700

Cables, connectors and joint kits

Item	Stock Code
Primary cable (5kV)	V5/61CALP
Primary Plug & Socket Kit 5KV	54SUPERZ6Z6
Secondary Plug & Socket Kit 3KV	54SUPERC6C6
Secondary cable	V5/3045
Secondary Plug	95MPH
Secondary Joint Crimp	V10/WPS2
Secondary Socket	95MR7I.50

PRODUCT OF AUSTRALIA

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