



# 924 Series

## High Output LED Floodlight



*Long Life Reliability  
does not cost the earth*

LPA-EXCIL ELECTRONICS

### Feature Summary



- LED Technology for ultra high reliability.
- 100,000 hours to 70% initial lumen output.
- Ultra high reliability, zero maintenance, 'fit and forget' solution.
- Compliant with railway standards.
- Instantaneous light output, no warm up, even at  $-25^{\circ}\text{C}$ .
- Built-in LED failure redundancy.

### Product Codes

The High Output LED Floodlight is available in the following variants:

- 924100 Standard Variant

## Input Specification

<b>Nominal Operating Voltage</b>	110V AC 50/60Hz
<b>Continuous Operating Voltage Range</b>	85 - 130V AC
<b>Short Term Overvoltage</b>	150V AC for 30s
<b>Power Consumption @ nominal 110V AC</b>	40W

## Output Specification

<b>Light Source</b>	10 x 240lm - 4W LED's
<b>Light Source Total Luminous Flux @ 110V AC</b>	2400lm
<b>Illumination, Centre Beam @ 1m</b>	458lx
<b>Colour Temperature</b>	6300K nominal

## Environmental Specification

<b>Unit Weight</b>	2kg
<b>Sealing Rating</b>	IP66
<b>Shock and Vibration</b>	EN61373
<b>Operating Temperature Range</b>	-25 to 55°C
<b>MTBF Ground Mobile 40°C MIL 217F</b>	1,000,000hrs
<b>LED Life Expectancy (Light output reduced to 70% initial value)</b>	100,000hrs 22yrs @ 12hrs/day

## Compliance

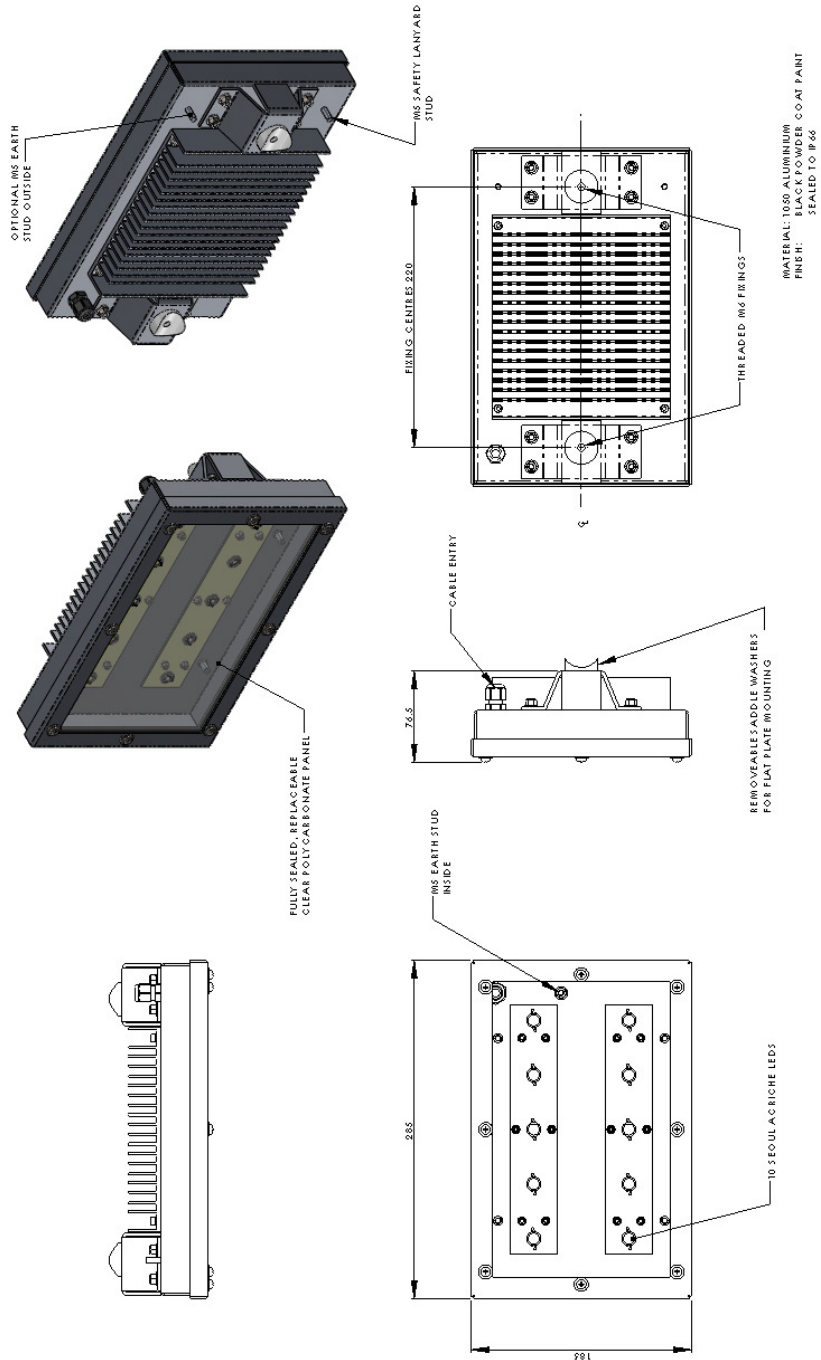
The High Output LED Floodlight complies with the following standards:

- EN50121-3-2 (EMC & Transients)
- EN61373 (Shock & Vibration)
- EN50155 (Environmental & Electrical)
- EN60529 to IP66 (Sealing)

\* All immunity tests comply with performance criteria 'A'

# Mechanical Specification

All Dimensions in mm unless stated otherwise



LPA-Excil makes every effort to ensure the accuracy of the information contained within this datasheet. However we reserve the right to withdraw and re-issue this datasheet at a later date.



LPA-Excil Electronics  
 Ripley Drive, Normanton,  
 WF6 1QT, UK  
 Tel: +44 (0)1924 224100  
 Fax: +44 (0)1924 224111

LPA Excil Electronics is a member of the LPA group