

**NBS SPECIFICATION – ‘SOLUS’ MONOPITCH POLYCARBONATE ROOFLIGHT**

<b>MANUFACTURER:</b>	Lareine Engineering Ltd, Unit 1, Armadale Industrial Estate, Armadale, West Lothian EH48 2ND E Mail: <a href="mailto:info@lareineengineering.com">info@lareineengineering.com</a> Website: <a href="http://lareineengineering.co.uk">lareineengineering.co.uk</a> Tel: 01501 731600/731699 Fax: 01501 733828
<b>PRODUCT REFERENCE:</b>	‘Solus’ Polycarbonate Rooflight.
<b>TYPE:</b>	Monopitch rooflight. Pitch as required by Architect. Min 5°. To BS 5516 CP3 Chapter V and BS 6399 Part 3 1988.
<b>FRAME:</b>	Aluminium, aluminium to BS 1474:1987 Alloy 6063-T6. Bars normally at 600mm centres but might be changed to suit Architects requirements. AA Fire rated to surface spread of flame to BS 476: Part 7: 1997.
<b>FINISH:</b>	Polyester powder coated to BS EN 12206:2004 Part 1 Interpon D1036 range. 25 Year life expectancy on powder coating.
<b>COLOUR:</b>	Standard RAL colour.
<b>KERB:</b>	Structural kerb by Main Contractor. Normally 100mm/150mm wide x 150mm high. Kerb must be capable of supporting the weight of the structure.
<b>GLAZING:</b>	3mm UV coated polycarbonate inner skin, 3mm or 4mm UV coated polycarbonate outer to give ‘U’ Value 2.7 W/m <sup>2</sup> K. The glazing is Makrolon Mono Longlife UV resistant polycarbonate sheet. 10 Year warranty on breakage, excessive yellowing and loss of light transmission. Fire Rating: Makrolon 2099 when tested to BS 476 Part 3 is rated AA surface spread of flame to BS 476 Part 7 Class 1. Class O material to Building Regulation 1985. TP(a) rigid classification as described in approved Document B of Building Regulation 1991.
<b>FRAGILITY:</b>	They have been tested and are classed as <b>NON-FRAGILE</b> Class B to ACR (M) 001:2014 Test for non-fragility of profiled sheeted and large element roofing assemblies. (Fifth edition)
<b>NON FRAGILE</b>	Class B to ACR (M) 001:2005 Test for Fragility of Roofing Assemblies.
<b>TESTED/MANUFACTURED TO:</b>	All Rooflights are tested, manufactured & certificated to: BS EN 6375 Weather Tightness BS EN 1026 Air Permeability BS EN 1027 Water Tightness of Glass Rooflights BS EN 1873 Water Tightness of Polycarbonate Rooflights
<b>PROFESSIONAL INDEMNITY : &amp; COLLATERAL WARRANTY</b>	Inclusive of Professional Indemnity Insurance and Collateral Warranty for Design, Manufacture and Installation
<b>VENTILATION:</b>	Electrically operated opening panes as requested. Wiring by others.
<b>FLASHINGS:</b>	To upstand by others.
<b>SIZE:</b>	To suit your requirements.
<b>FIXING:</b>	Normally fitted by Lareine Engineering fitters.