

NBS SPECIFICATION – ‘SOLUS’ MONOPITCH ROOFLIGHT



MANUFACTURER:	Lareine Engineering Ltd, Unit 1, Armadale Industrial Estate, Armadale, West Lothian EH48 2ND E Mail: info@lareineengineering.com Website: lareineengineering.co.uk Tel: 01501 731600/731699 Fax: 01501 733828
PRODUCT REFERENCE:	'Solus' Rooflight.
TYPE:	Monopitch rooflight Pitch as required by Architect. Min 5°. To BS 5516 CP3 Chapter V and BS 6399 Part 3 1988.
FRAME:	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.
FINISH:	Polyester powder coated to BS EN 12206:2004 Part 1 Interpon D1036 range. 25 Year life expectancy on powder coating.
COLOUR:	Standard RAL colour.
KERB:	Structural kerb by Main Contractor. Normally 100mm/150mm wide x 150mm high. Kerb must be capable of supporting the weight of the structure. Glass structure weighs 50 Kilos M ² surface area.
GLAZING:	<p><u>OPTION 1</u> Sealed double glazed units comprising – Standard 6.0mm clear toughened outer pane/16mm air gap argon filled, 6.4mm Low 'E' laminate inner pane to give centre pane 'U' value 1.1 W/m²K, Overall 'U' value 1.4 W/m²K. To British Standard BS EN 1279 Parts 2 & 3. AA Fire rated to surface spread of flame to BS 476: Part 7: 1997. Other glass can be fitted if required to suit your requirements.</p> <p><u>OPTION 2</u> 3mm UV coated polycarbonate inner skin, 3mm or 4mm UV coated polycarbonate outer to give 'U' Value of 2.7 W/m²K. 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.</p> <p><u>OPTION 3</u> Multiwall Polycarbonate 0.83 W/m²K centre pane.</p>
FRAGILITY:	They have been tested and are classed as NON-FRAGILE Class B to ACR (M) 001:2014 Test for non-fragility of profiled sheeted and large element roofing assemblies. (Fifth edition)
TESTED/MANUFACTURED TO:	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
PROFESSIONAL INDEMNITY : & COLLATERAL WARRANTY	Inclusive of Professional Indemnity Insurance and Collateral Warranty for Design, Manufacture and Installation
VENTILATION:	Electrically operated opening panes as requested. Wiring by others.
FLASHINGS:	To upstand by others.
SIZE:	To suit your requirements.
FIXING:	Normally fitted by Lareine Engineering fitters.