



## **NBS SPECIFICATION – ‘SOLUS’ ROOFLIGHTS**

<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’ Rooflight
<b>TYPE:</b>	Rooflights suitable for all types of flat /pitched roofs.
<b>FRAME:</b>	Aluminium, aluminium to BS 1474:1987 Alloy 6063-T6.
<b>FINISH/COLOUR:</b>	Mill Finish or any Standard RAL colour – painted white internally.
<b>KERB:</b>	<b>TYPE 1</b> Lareine Engineering proprietary aluminium upstand 250mm high. This kerb is painted white internally. The upstand is insulated externally with GRP or aluminium to suit your Roofers requirements. Depth of upstand can be changed to suit your particular requirements.  <b>TYPE 4</b> Lareine Engineering proprietary aluminium upstand 150mm high. This kerb is painted white internally. The upstand is insulated externally with insulation encapsulated in aluminium.
<b>GLAZING:</b>	3mm UV coated polycarbonate inner skin, 3mm or 4mm UV coated polycarbonate outer. 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) 001:2005 Test for Fragility of Roofing Assemblies.
<b>MANUFACTURED TO:</b>	All Rooflights are manufactured 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>‘U’ VALUE</b>	Double skin 2.2 W/m <sup>2</sup> K Triple skin 1.35 W/m <sup>2</sup> K
<b>PROFILE:</b>	Dome or Pyramid.
<b>LIGHT TRANSMISSION:</b>	Clear – 90% Opal – 50%
<b>SIZES:</b>	To suit your roof opening size.
<b>OTHER REQUIREMENTS:</b>	Non Vented, Pole Operated Control Vent, Pole Operated Hinged Opening Vent, Electrical Opening Vent, Security grille.
<b>FIXING:</b>	In accordance with Lareine Engineering fixing recommendations.