

NBS SPECIFICATION – ‘SOLUS’ ROOFLIGHTS

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:	Rooflights suitable for all types of flat /pitched roofs.
FRAME:	Aluminium, aluminium to BS 1474:1987 Alloy 6063-T6. AA Fire rated to surface spread of flame to BS 476: Part 7: 1997.
FINISH/COLOUR:	Mill Finish or any Standard RAL colour – painted white internally. Polyester powder coated to BS EN 12206:2004 Part 1 Interpon D1036 range. 25 Year life expectancy on powder coating
KERB:	TYPE 1 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. TYPE 4 Lareine Engineering proprietary aluminium upstand 150mm high. This kerb is painted white internally. The upstand is insulated externally with insulation encapsulated in aluminium.
GLAZING:	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.
LIGHT TRANSMISSION:	Clear – 90% Opal – 50% (other options available)
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
INSURANCE	Professional Indemnity.
‘U’ VALUE	Double skin 2.7 W/m ² K Triple skin 1.35 W/m ² K
PROFILE:	Dome or Pyramid.
SIZES:	To suit your roof opening size.
OTHER REQUIREMENTS:	Non Vented, Pole Operated Control Vent, Pole Operated Hinged Opening Vent, Electrical Opening Vent, Security grille.
FIXING:	In accordance with Lareine Engineering fixing recommendations.