

NBS SPECIFICATION – ‘SOLUS’ FACETTED DIAMETER 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:	Circular rooflight faceted, 12 no. facettes 800mm wide approximately to crown plate.
STRUCTURE:	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 others 150mm above finished roof level.
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.
‘U’ VALUE	Double skin 2.7 W/m ² K Triple skin 1.35 W/m ² K
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
PROFILE:	Dome – height in centre 1/5 of the span.
LIGHT TRANSMISSION:	Clear – 90% Opal – 60%
SIZES:	To suit your requirements.
FIXING:	In accordance with Lareine Engineering fixing recommendations. By Lareine Engineering.