



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. |
| FINISH: | Polyester powder coated to BS 6496 Interpon D92 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: | <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 ‘U’ value up to 1.54 W/m ² K, depending on glass specification. Other glass can be fitted if required to suit your requirements. <u>OPTION 2</u> 3mm UV coated polycarbonate inner skin, 3mm or 4mm UV coated polycarbonate outer to give ‘U’ Value of 2.2 W/m ² 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. |
| FRAGILITY: | They have been tested and are classed as NON FRAGILE Class B to ACR(M)001:2005 Test for Fragility of Roofing Assemblies. |
| MANUFACTURED TO: | 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 |
| VENTILATION: | Electrically operated opening panes as requested. Wiring by others. |
| FLASHINGS: | Lead by others. |
| SIZE: | To suit your requirements. |
| FIXING: | Normally fitted by Lareine Engineering fitters. |