

L10 Windows/ Rooflights/ Screens/ Louvres

-460 ROOFLIGHTS (Hulme Street Photography Studio Manchester) VELUX Glazing Panels (Formerly Vitral A74) – Double Glazed Dual-pitch rooflight system for commercial and public buildings. The system will consist of prefabricated modular panels (comprising profiles & panes) with optional actuators, & controls as required.

- Manufacturer: VELUX Commercial Architectural Glazing (a division of VELUX Company Ltd.)
 - Web: www.veluxcommercial.co.uk
 - Email: vms@velux.co.uk.
 - Contact: Brian Clarke (07733 008016)
- Roof pitch: As drawing
- Rooflight pitch: 25°
- Arrangement or combination: 2 No Mono Pitch rooflights set either side of a central ridge beam of approximate size 1257 x 11200mm clear internal on slope.
- Kerb & Ridge:
 - Structural Steel set in line with the pitch of the glazing by Main Contractor at both head and kerb of rooflight.
- Fixings:
 - Skylight units to be screwed directly to the sub-structure / timber batten
- Module / Panel Size
 - Glazed Module width (866mm wide) (fixed and comfort vent)
 - Glazed Panel height (1345 high) (fixed and comfort vent)
- Frame Colour:
 - Polyester Powder Coated to RAL 9010/9005/7016 gloss 30
 - Internal: As external
- Glazing:
 - Type: Double glazed / (41L)
 - Coating: Sun 1
 - U Value (W/m²K): Centre Pane 1.0 & Glazed Module 1.7
 - T – value / g – value: 50% / 27%
- Pane make-up:
 - 6mm toughened glass, 18mm Argon filled Cavity, 3+3mm c/w 2 x 0.38mmPVB Laminated float glass (41L)
- Frame:
 - Type: Extruded Aluminium thermally broken by an Integrated PUR core
- Operation:
 - Combination of Fixed and Naturally Ventilated Units, ventilation to be confirmed.
- Actuator:
 - Type: Chain Actuator for Natural Ventilation.
 - To be connected to the WindowMaster system specified below.
- Stand-alone Control Units:

- WCC 103 0401 (4No zone, 3No inputs 3 Amp)
- Control Switch and Sensor:
 - WSK 103 N101 – Control Switch
 - WLA 330 – Rain & Wind Sensor ** to be provided if required ** .
- Technical Requirements:
 - Air permeability: Class 4
 - Reaction to Fire: Class B, s1-d0
 - Watertightness: E1200
 - Resistance to Wind Load: Class C4 ¹⁾

¹⁾ For panel width > 800mm: NPD, for panel height > 2100mm: NPD