

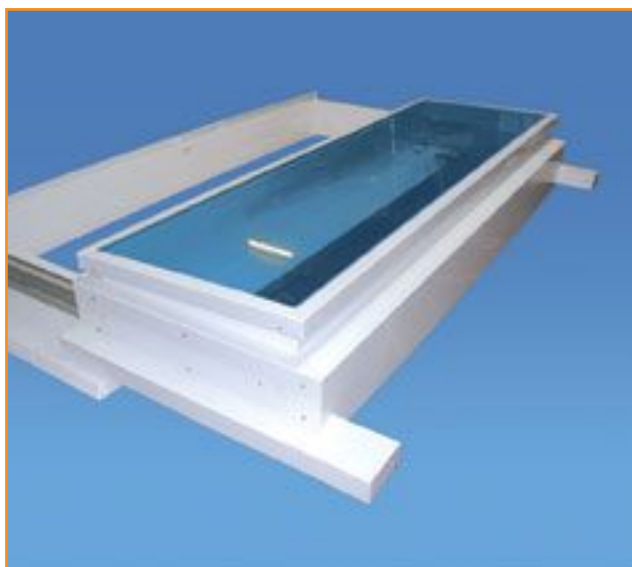

NULITE

Specifiers Guide

www.nulite-ltd.co.uk

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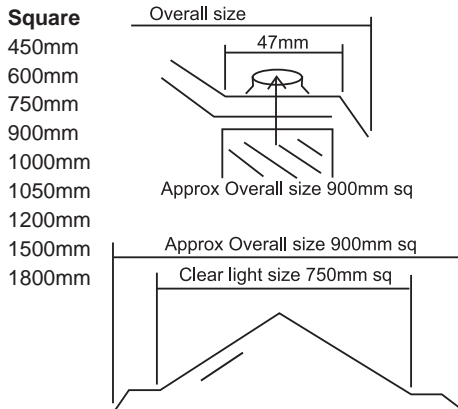
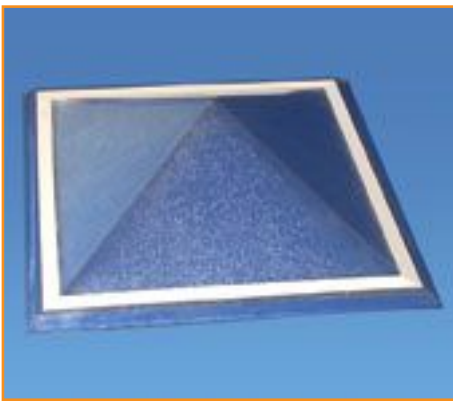
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Standard Rooflights

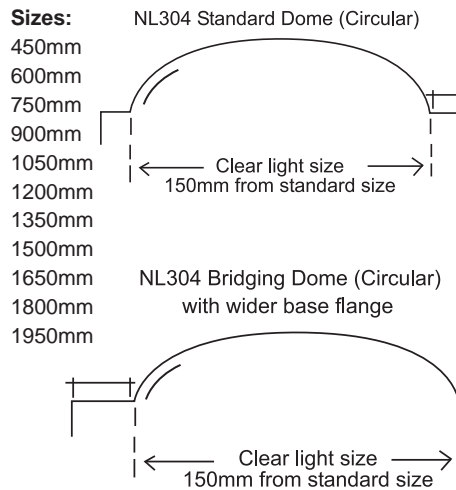
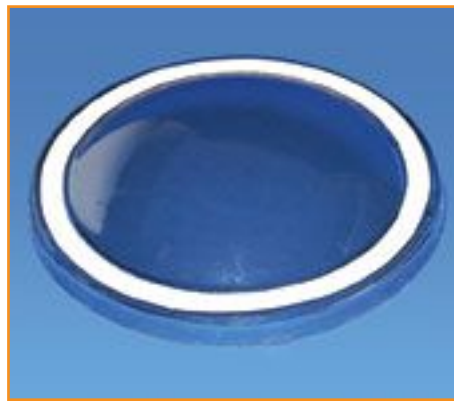
NL301 Pyramid



Rectangular

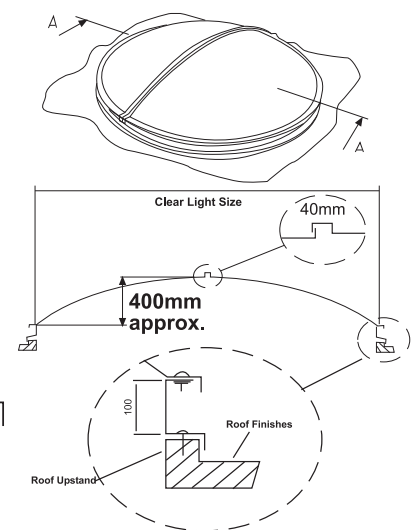
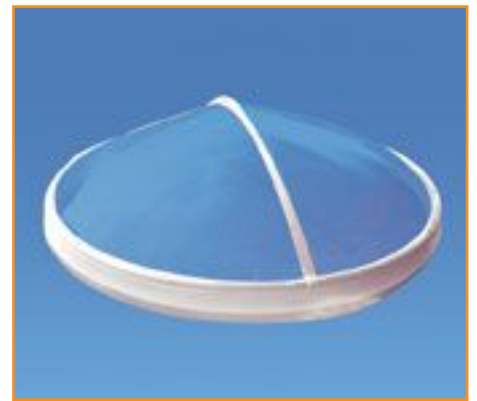
600 x 900mm 900 x 1200mm 1200 x 1800mm
600 x 1200mm 900 x 1500mm 1200 x 2400mm
750 x 900mm 900 x 1800mm

NL304 Circular Dome

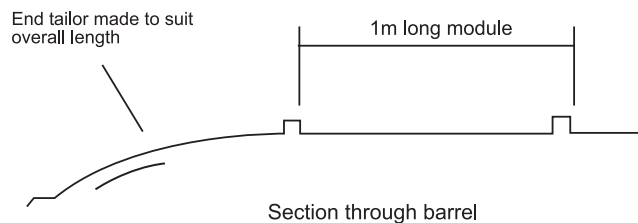
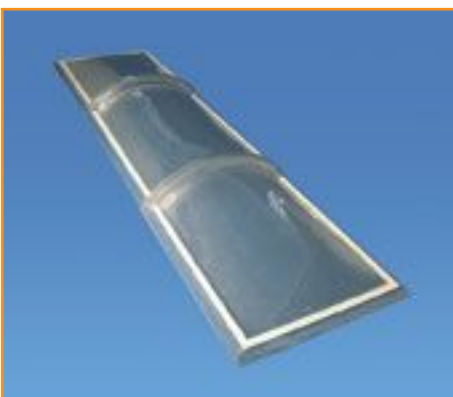


NL304A Segmented Dome

2.400mm Diameter



NL307 Continuous Barrel Rooflight



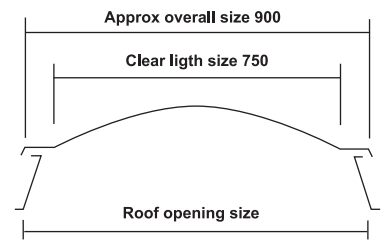
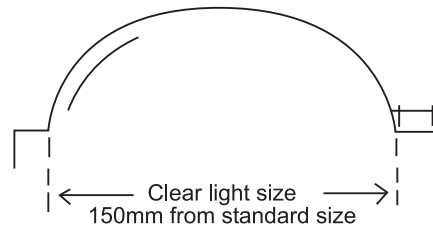
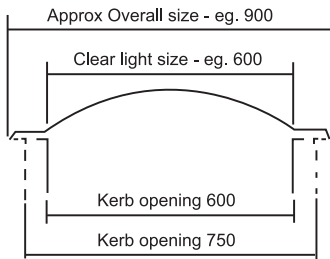
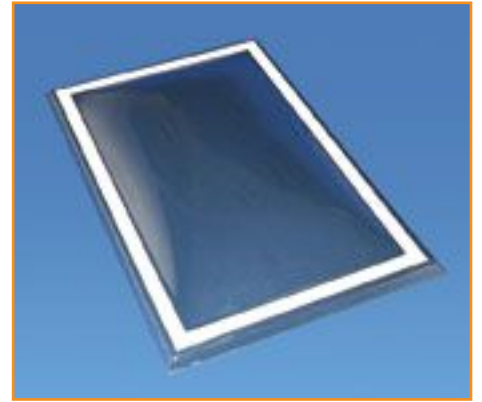
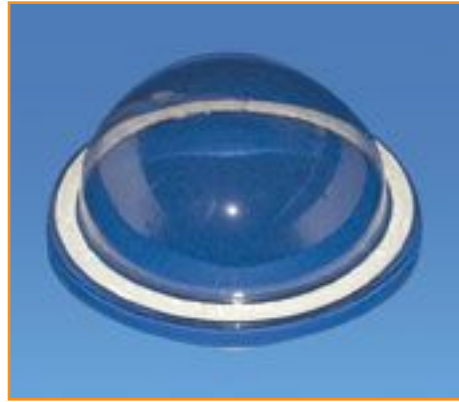
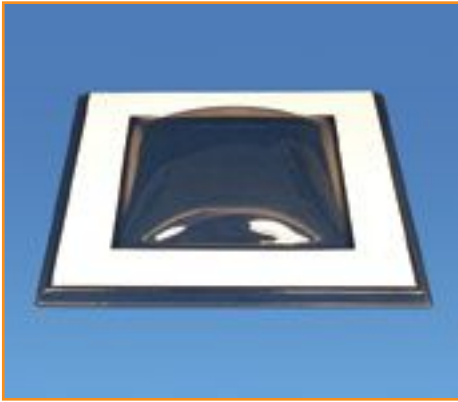
Standard Sizes (Width)

600	1500
750	1650
900	1800
1050	1950
1200	2100
1350	2400

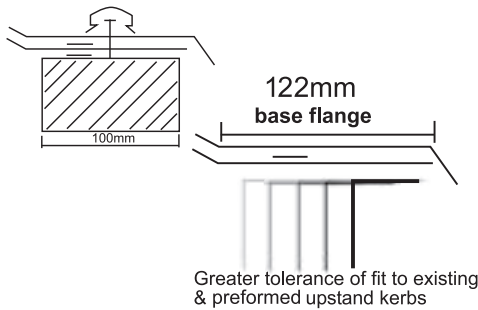
Thermoformed from 3mm thick polycarbonate sheet, and available as single, twin or triple skin units, built to the same exacting standards as the standard rooflight range. The continuous barrel rooflight is manufactured in 1m modules with the domed end module being tailor made to suit the remaining length of kerb.

Standard Rooflights

NL306A Bridging Mould NL309 Hemispherical Dome NL306 Polycarbonate Dome



More substantial kerbs catered for



Sizes:

450mm 900mm 1350mm 1800mm
600mm 1050mm 1500mm 1950mm
750mm 1200mm 1650mm

Technical Information

Fire Resistant:

Technical information or fire testing is available on request from our suppliers, but is currently stated as fire resistant to BS 476 PT7 Class 0, BS476 PT3 Class AA.

Light transmission:

Clear 80%
Clear patterned 75%
Opal 48%
Bronze 50%

Thermal insulation:

Single skin 5.2
Twin skin 2.6
Triple skin 1.9

Impact test report

At the request of Nulite Ltd, BRE. tested various size samples of domed roof lights with either a uPvc or steel upstand kerb, sizes ranging from 600 x 600mm up to 1800 x 2700mm in one unit. The test assesses the fragility of the specimen roof light when subjected to an impact by a large soft body as in the standard ACR(m) 001:2000. Full details of the test report are available on request.

For **non standard** sizes, we can offer two solutions, one being our **'adapter kerb'** which is manufactured to suit our standard range and played at base to suit existing kerbs. The second option, and preferred method for difficult propositions whilst maintaining cost effectiveness, is our **'Bridge mould'** which will allow greater tolerance of fit without the need for an adaptor kerb.

All products are available in single, twin or triple skin. Clear opal, clear pattern or bronze. See Technical Information for further details.

Square

450	1000	1500
600	1050	1650
750	1200	1800
900	1350	1950

Rectangular

600 x 450	750 x 1200	1000 x 1200
600 x 750	750 x 1350	1000 x 1500
600 x 900	750 x 1500	1000 x 1800
600 x 1000	750 x 1800	1000 x 2000
600 x 1050	750 x 2100	1000 x 2400
600 x 1200	750 x 2400	1200 x 1350
600 x 1350	900 x 1200	1200 x 1500
600 x 1500	900 x 1500	1200 x 1800
600 x 1800	900 x 1350	1200 x 2400
600 x 2000	900 x 1800	1500 x 1800
600 x 2400	900 x 2100	1500 x 2100
750 x 900	900 x 2400	1500 x 2400
750 x 1000	1000 x 500	

Square

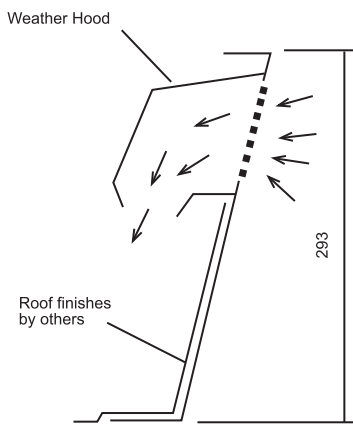
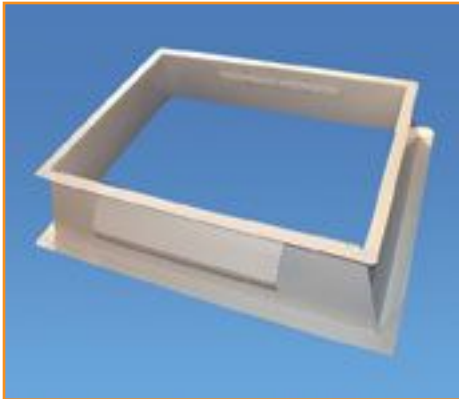
450	1000	1500
600	1050	1650
750	1200	1800
900	1350	1950

Rectangular

600 x 450	750 x 1200	1000 x 1200
600 x 750	750 x 1350	1000 x 1500
600 x 900	750 x 1500	1000 x 1800
600 x 1000	750 x 1800	1000 x 2000
600 x 1050	750 x 2100	1000 x 2400
600 x 1200	750 x 2400	1200 x 1350
600 x 1350	900 x 1200	1200 x 1500
600 x 1500	900 x 1500	1200 x 1800
600 x 1800	900 x 1350	1200 x 2400
600 x 2000	900 x 1800	1500 x 1800
600 x 2400	900 x 2100	1500 x 2100
750 x 900	900 x 2400	1500 x 2400
750 x 1000	1000 x 500	

Ventilation

NL601 Permanent Ventilation



NL604 Electric Opener



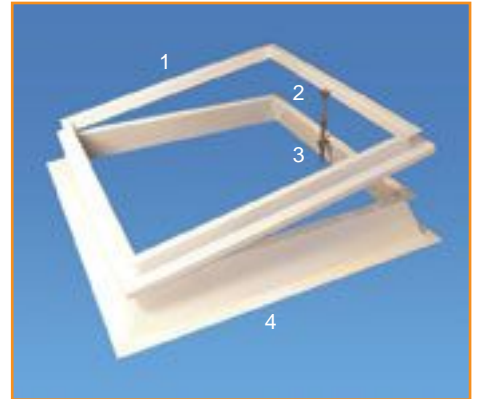
1. Opening Frame: Fully welded construction, 14 swg, galvanised steel, powder coated white, will accept polycarbonate or glass.
2. 230volt DC Actuator: with junction box.
3. Base kerb; Fully welded 14swg, galvanised steel, powder coated white.

Stroke size available:

- Standard - 180mm
- Options - 235mm
- 300mm
- 500mm

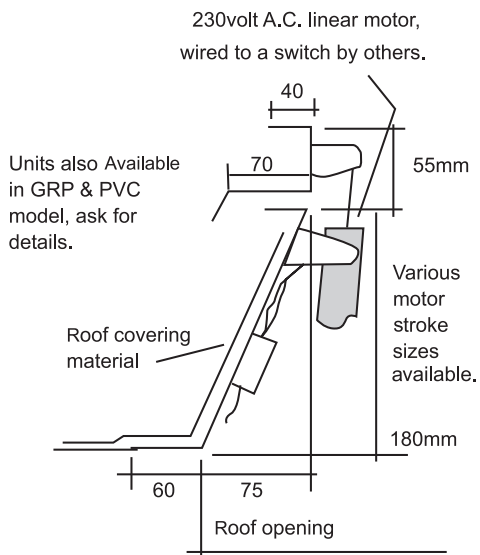
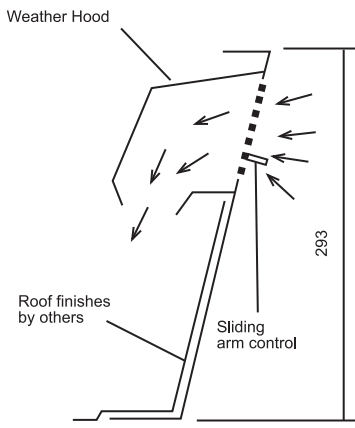
Also none standard to 90 degrees.
If you require a smoke vent unit see NL604A data sheet.

NL605 Worm Gear



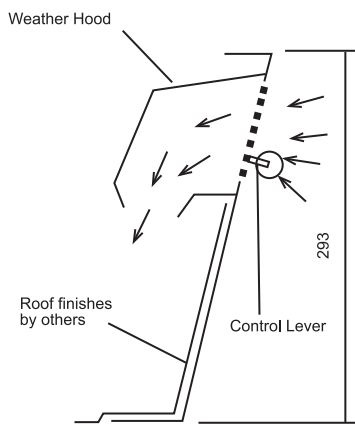
1. Opening frame: Fully welded construction, 14 swg galvanised steel, white primed finish, will accept polycarbonate or glass.
2. Worm Gear: Telescopic worm gear mechanism, effective opening length approx 310mm (500mm also available).
3. Removable Pin: when access hatch combination is required.
4. Base kerb: Fully welded 14swg, galvanised steel, white primed finish, aluminium base kerb and opening frame also available.

NL602 Hit/Miss Ventilation

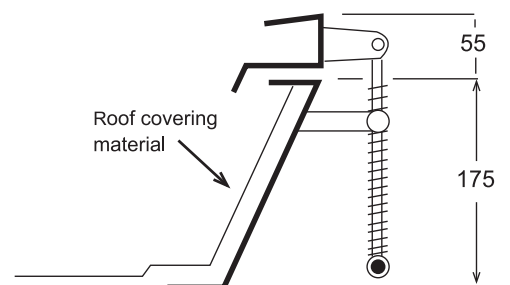


Pole & Telescopic crank handles available: 1-2 Metres - 2-3 metres

NL606 Controlled Louver



All sizes available to suit our rooflight range and bespoke kerb sizes.



For the full range of all our roof lights go to:

www.nulite-ltd.co.uk

Roof Access

NL619 Roof Ladder Access Hatch



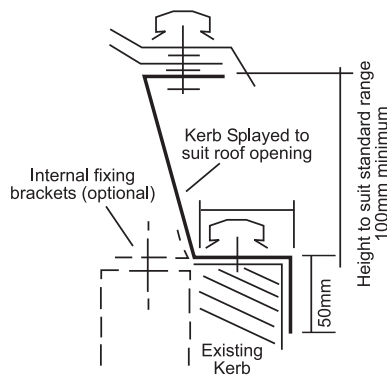
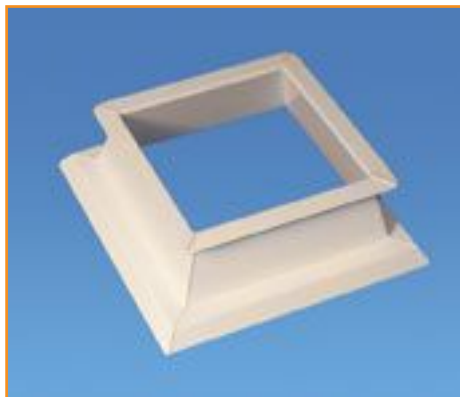
Glazing Options:

Choose from our standard polycarbonate product range, alternatively we can provide a galvanised steel insulated cover, powder coated to BS Standard.

Points to check prior to advising us of your requirements: When placing an enquiry / order please be sure to note the roof opening size, and where possible the width of the upstand kerb. Also note the distance from roof level to ground floor, and ensure that the opening size will allow sufficient clearance for access.

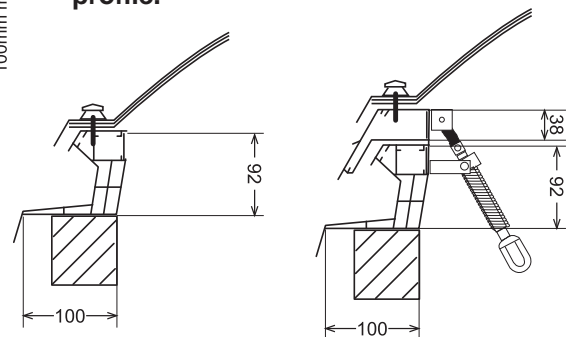
Specialist Kerbs

NL616 Adaptor Kerb



Insulated options available

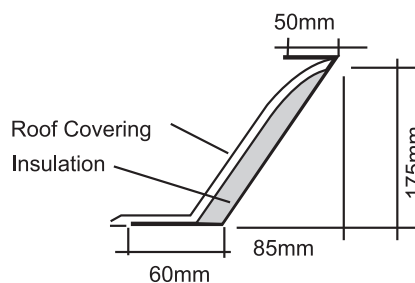
For non-standard sizes, an adaptor kerb can be splayed to suit most of our product range. **PVC Adaptor kerbs are a fixed profile.**



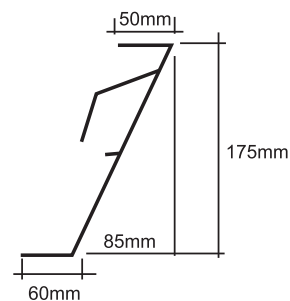
NL614 Fibre Glass Kerbs



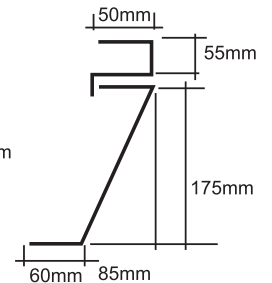
Fixed Light Kerb Details
(Round & Square shape)



Ventilated Kerb Details



Hinged Kerb Details



Square

600 x 600	1200 x 1200	1650 x 1650
900 x 900	1350 x 1350	1800 x 1800
1050 x 1050	1500 x 1500	2400 x 2400

Circular

600mm	1200mm
750mm	1500mm
900mm	1800mm
1050mm	

Rectangular

600 x 900	900 x 1200	1050 x 1500	1200 x 1800
600 x 1200	900 x 1500	1050 x 1950	1200 x 2400
600 x 1800	900 x 1800	1200 x 1500	1800 x 2400
900 x 750	1000 x 1050		

Glass Rooflights

The S-Line range of standard glass rooflights are a cost effective and safe solution for providing light in a diverse range of buildings from private housing through to major commercial construction projects.

They are available in four distinctive styles; pyramid, ridgelight, pyramid lantern and ridgelight lantern.

The key benefits of these being:

Lightweight, aluminium weather-resistant frame.

Frames powder coated in white (others available).

Heat loss minimised with toughened outer, 16mm cavity and laminated lower inner.

Low 'U' value as required by Part L.

Standard product is available within two weeks or confirmed order.

Supply only or supply and fit.

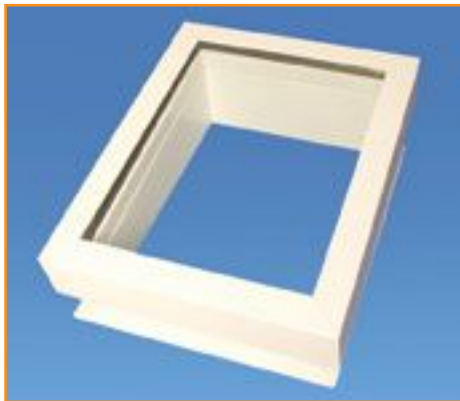
'Non-fragile, Class B' rating classified to ACR[M]001:2005.



Guide Sizes (mm)

Pyramid / Lantern	Ridgelight / Lantern
1000 x 1000	1000 x 1200
1200 x 1200	1000 x 1500
1500 x 1500	1200 x 3000
1800 x 1800	1500 x 1800
2000 x 2000	1500 x 2400
	1500 x 3000
	1800 x 3000
	2000 x 3000

NL621 Monopitch Opener & NL632 Flat Light



Widths - 450 to 2400mm

Lengths - 450 to 1200mm

Alternative sizes can be manufactured as required.

Standard Sizes (Clear light) :

450 x 450mm 750 x 1050mm

450 x 600mm 900 x 900mm

600 x 600mm 900 x 1050mm

600 x 750mm 900 x 1200mm

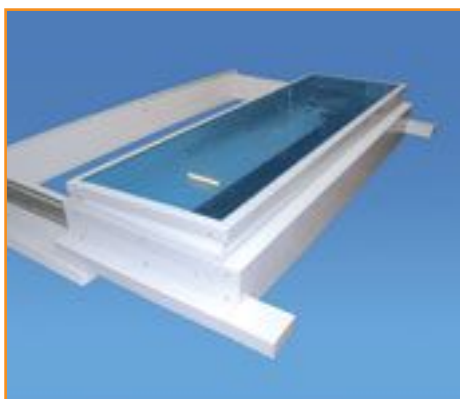
750 x 750mm 1200 x 1200mm

750 x 900mm 1200 x 1500mm

Ventilation:

Base kerbs can be adapted to accommodate vent options on all glass rooflights.

NL639 Sliding Rooflight



All units come complete with electrical 24DC (or 240 Volt) motors, control panel, rain sensor, day to day switch and B/S standard white powder coating.

Specification:

Many types of glass are available from various suppliers in the UK, Nulite are able to help access the best specification for your needs where characteristics have to be taken into consideration, such as light transmission, reflectivity, shading coefficients and where required fire resistance. Glass sizes available: This depends on the specification, please speak with our Technical Department for further assistance.

