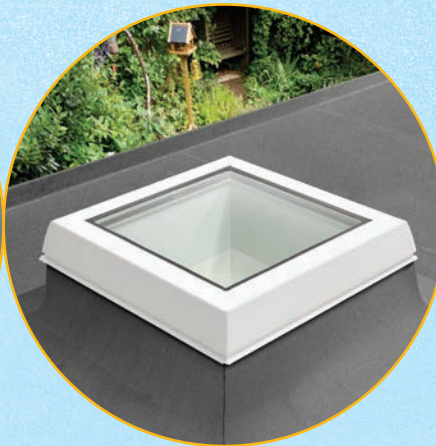
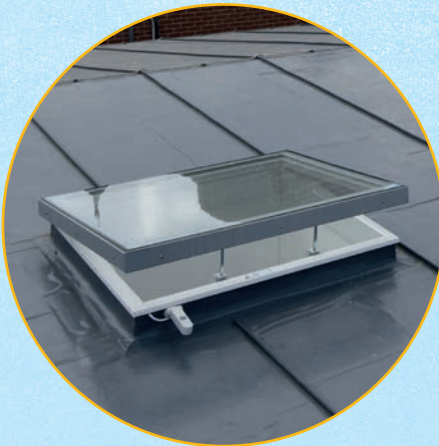


# LunaGlaze

## Glass Rooflights



more choice, better prices.





# The UK's Leading Supplier of Rooflights, Skylights and Smoke Vents.

## The National Domelight Company

The National Domelight Company are specialist suppliers of domelights, rooflights, skylights and smoke vents, to roofing contractors and builders, to developers of commercial and residential property, and to private homeowners.

Our family-run company has been successfully trading for over 30 years and our UK-based sales team has more than 50 years of rooflight and skylight knowledge between them. You can trust us to know what we are talking about and to give you the best advice and guidance to find the right rooflight for you.

## Why choose the National Domelight Company?

### • Widest choice

We are the UK's leading supplier of rooflights and as a result we can supply you with any size, shape and material of rooflight, and with any combination of upstands and accessories, that you will ever need – *and all at the best trade prices.*

### • No more waiting

We deliver a first class service and our large warehouse and stocks mean that you won't have to wait long for your order. We can deliver most stock units, direct to site, within 48 hours. Our **FREE nationwide delivery** service means your rooflight will be safely delivered at your convenience – just when you need it.

### • Best quality

Our prices are competitive yet we still deliver industry leading quality and service in everything we do. Guaranteed.

### • Dedicated support

We have been supplying the roofing industry for decades and to help you we provide useful resources at [www.nationaldomes.com](http://www.nationaldomes.com) and CAD downloads to incorporate into your digital plans. Just call our **Technical Support Team on 01276 451555** for practical advice and support, no matter what you need.

Don't just take our word for it – Put us to the test, let us quote your next job and see just how much you could save! We guarantee excellent products, at sensible prices.

## Our guarantee of quality

All rooflights and skylights supplied by The National Domelight Company have been fully tested before they are added to our portfolio. This ensures you can always rely on our industry leading quality no matter what your requirement.

## Protecting the environment

The National Domelight Company is fully aware of the effects that the construction industry can have on the environment. We work hard to ensure that our business, sourcing and logistics processes have a minimal effect on the environment, and that our products have a reasonable lifespan and can be recycled wherever possible.

## Why we need natural light

There is no denying that natural daylight in a room can make all the difference to its occupants. Rooflights are the best way of introducing natural light and can provide up to three times more daylight than an equally-sized vertical window. People work better in naturally lit workspaces and natural lighting can have less of an environmental impact than artificial lighting.

The National Domelight Company can advise on specific industry policies and regulations, and give guidance on introducing natural light into buildings.

## more choice, better prices.



# Contents Overview



## Measuring Guide Lunaglaze PVC

See our *Measuring Guide* to assist you in working out the correct measurements for your rooflight project.



## Lunaglaze PVC – Top Only

Designed to make optimum use of natural daylight Lunaglaze PVC are a superb cost effective solution to suit your own timber kerb/upstand, available for next day delivery.



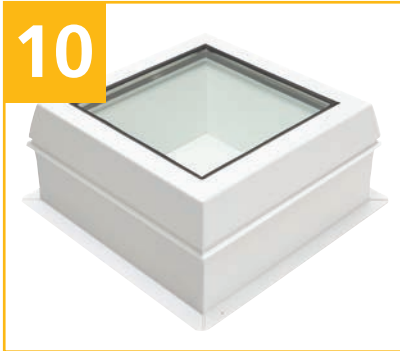
## PVC – Top Only Manual and Electric Hinged

A Manual Hinged rooflight means you can have as much or as little ventilation as you require. Alternatively, control ventilation with an Electric Hinged rooflight at the touch of a button.



## Lunaglaze ALU

A prefabricated high quality, aluminium framed glass rooflight with clean, minimalistic finish both inside and out and excellent thermal qualities, it looks good and performs well in any setting.



## Lunaglaze PVC – Complete Unit

Supplied with a PVC kerb/upstand, Lunaglaze PVC is a glass modular rooflight, stocked in a range of sizes for next day delivery. They provide end-users with a cost effective daylight solution.



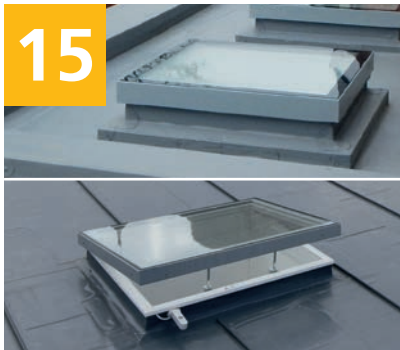
## PVC – Complete Unit Manual and Electric Hinged

A Manual Hinged rooflight means you can have as much or as little ventilation as you require. Alternatively, control ventilation with an Electric Hinged rooflight at the touch of a button.



## Measuring Guide Lunaglaze ALU

See our *Measuring Guide* to assist you in working out the correct measurements for your rooflight project.



## Lunaglaze ALU – Manual and Electric Hinged

A Manual Hinged rooflight means you can have as much or as little ventilation as you require. Alternatively, control ventilation with an Electric Hinged rooflight at the touch of a button.



## Suntube

Suntubes provide an elegant solution to getting daylight into awkward corners. We stock a wide range of tubular skylights and internal tubing designed to direct natural light into the smallest of spaces, for both flat and pitched roof applications.



## Technical Services

The National Domelight Company sales team is always available to assist you, from your initial enquiry through to after sales support. This includes help with specification writing, site surveys, budget costings, and fully detailed quotations.







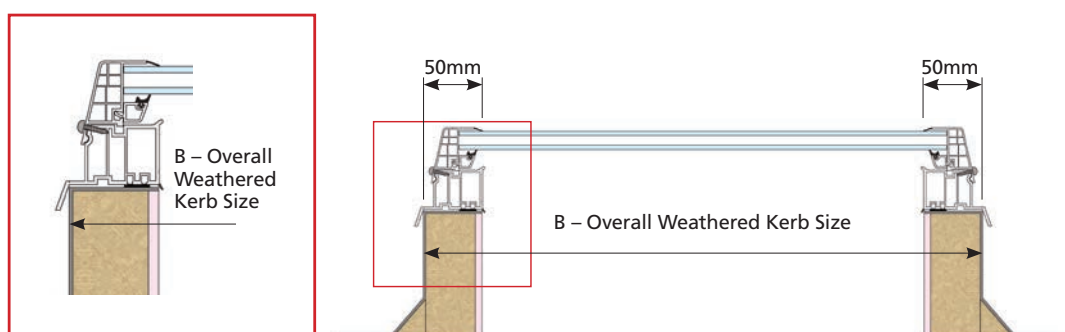
# Measuring Guide Lunaglaze PVC

We recommend you use the following measuring guide to assist you in working out the correct measurements for your rooflight.

The National Domelight team will be happy to help you apply the results to a full specification.

## 1 To suit builder's kerb

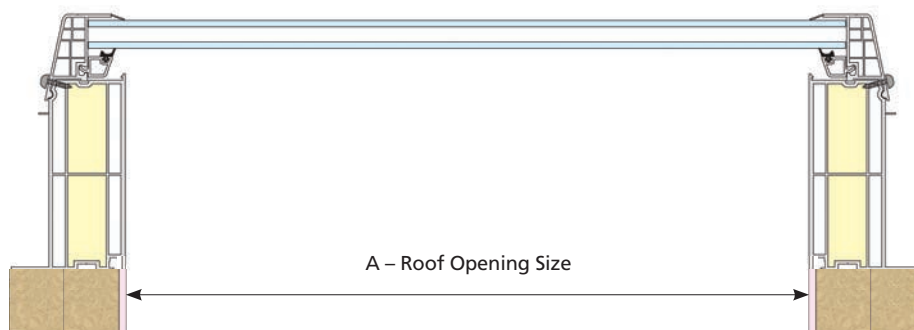
The measurement below is required (overall weathered kerb size). Please see sizes available on page 8 for further information.



A pitch of between 5°–15° is recommended to avoid water ponding.

## 2 With supplied kerb

The measurement below is required as shown below (roof opening size). Please see sizes available on page 10 for further information.



A pitch of between 5°–15° is recommended to avoid water ponding.

## Other information

For more detailed information, please refer to the relevant pages in this brochure, our website or give our Sales Team a call.

Top-only

# Lunaglaze PVC



Lunaglaze PVC is a standard specification glass modular rooflight, stocked in a range of sizes for next day delivery. They provide end-users with a cost effective daylight solution – its flat glass construction allowing the largest possible amount of light into a room.

## Top-only – To suit a Builder's Kerb /Upstand

Designed to make optimum use of natural daylight, Lunaglaze PVC rooflights deliver up to three times more light through a flat roof than an equivalently sized vertical window.

Lunaglaze PVC are a PVC and Glass construction with a fully sealed double glazed unit fitted with toughened and laminated clear glass. The Top-only solution is designed so that it can be easily installed on to a weathered builder's kerb.

As well as a fixed unit, Lunaglaze can be supplied with both manual and electric opening for extra ventilation – see opposite page for further details.

## Lunaglaze PVC Key Benefits

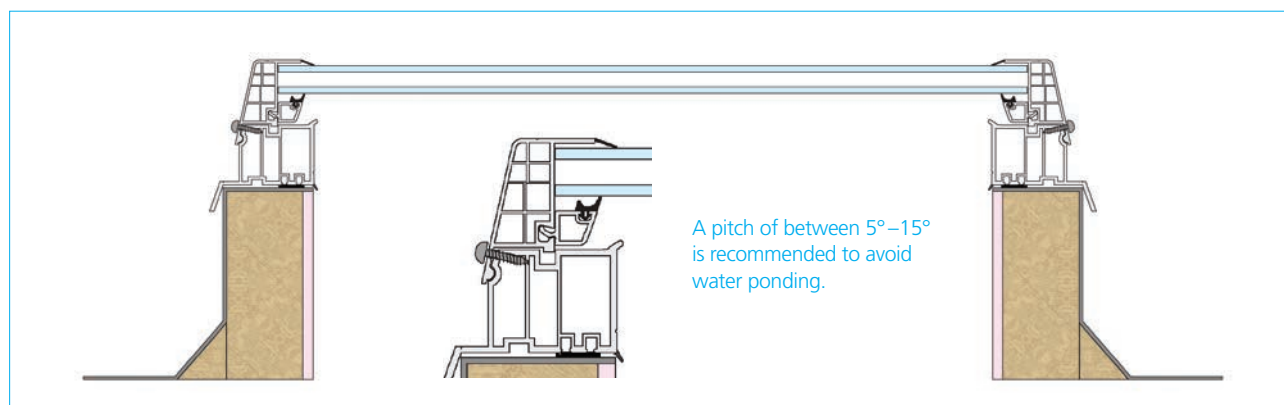
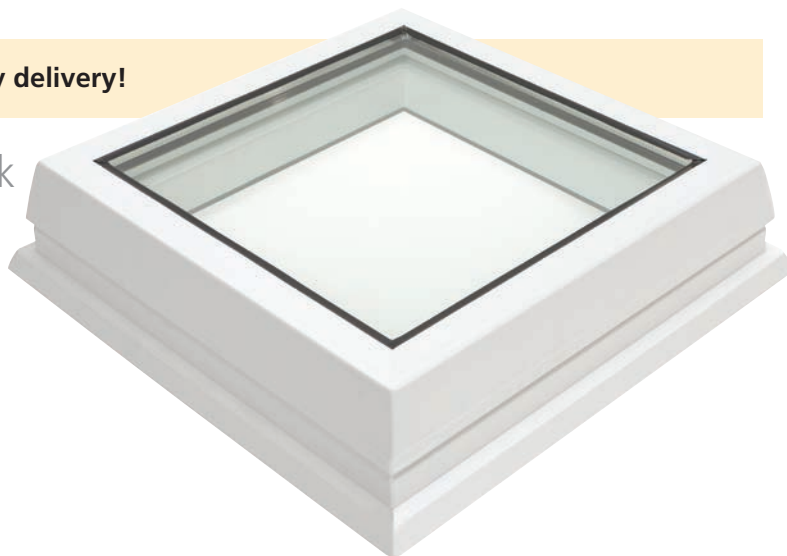
- Carriage paid (no additional carriage charge)
- Can be installed on a weathered builder's kerb
- Combined Unit U-Value 1.26 W/m<sup>2</sup>K
- Next day delivery available on all fixed, manual and electric hinged units
- Safety – Glazing tested and passed the non-fragility test according to CWCT

- 14 stocked sizes available for next day delivery!

Top-only sizes available from stock

### To fit Overall Weathered Kerb size (mm)

600 x 600	700 x 1000
700 x 700	700 x 1300
800 x 800	800 x 1100
900 x 900	1000 x 1300
1000 x 1000	1100 x 1600
1100 x 1100	1100 x 2100
1300 x 1300	1300 x 2300



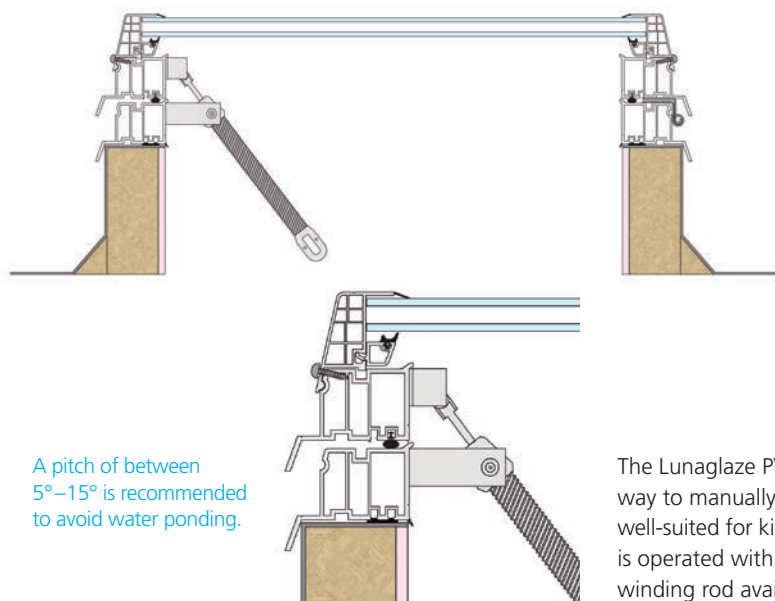
Lunaglaze PVC Top-only solution fitting onto a builder's timber kerb/upstand



Top-only

# Lunaglaze PVC Hinged

## Manual Hinged Ventilation

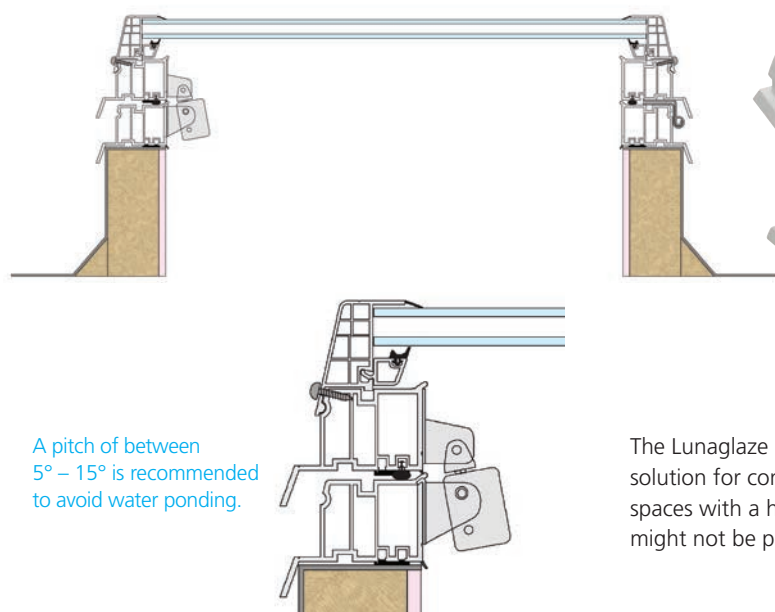


A pitch of between 5°–15° is recommended to avoid water ponding.



The Lunaglaze PVC Manual Hinged rooflight provides the perfect way to manually control ventilation in a space and is particularly well-suited for kitchens and areas with high humidity. The unit is operated with a manual spindle and comes with a portable winding rod available in either 1.5m, 2m, or 3m lengths.

## Electric Hinged Ventilation



A pitch of between 5° – 15° is recommended to avoid water ponding.



The Lunaglaze Electric Hinged rooflight provides the perfect solution for controlled ventilation in both large and small spaces with a high ceiling space, where a manual system might not be practical.

For more advice, please call our **Technical Support Team on 01276 451555.**

Complete unit – With supplied PVC Kerb /Uprand

# Lunaglaze PVC



Lunaglaze can be supplied with a 150mm vertical upstand manufactured from shock resistant PVC, and is available with both manual and electric ventilation options. Lunaglaze upstands provide outstanding value for money, and are fast and easy to install, enhancing the overall look of the rooflight. The upstands are pre-finished in white on the inside so they don't need additional painting.

## Lunaglaze PVC Key Benefits

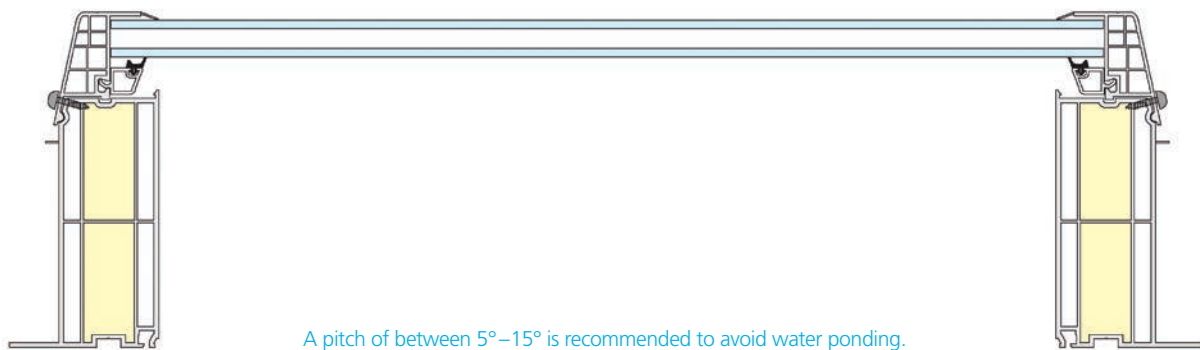
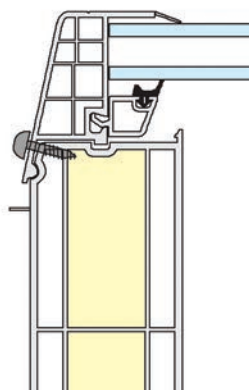
- Supplied with 150mm vertical upstand
- Pre-finished internally
- Carriage paid (no additional carriage charge)
- Combined Unit U-Value 1.26 W/m<sup>2</sup>K
- Fast Fitter Friendly installation
- Next day delivery available on all fixed, manual and electric hinged units
- Safety – Glazing tested and passed the non-fragility test according to CWCT

Complete unit sizes available from stock

### Roof Opening size / Daylight size (mm)

500 x 500	600 x 900
600 x 600	600 x 1200
700 x 700	700 x 1000
800 x 800	900 x 1200
900 x 900	1000 x 1500
1000 x 1000	1000 x 2000
1200 x 1200	1200 x 2200

• 14 stocked sizes available for next day delivery!



A pitch of between 5° – 15° is recommended to avoid water ponding.

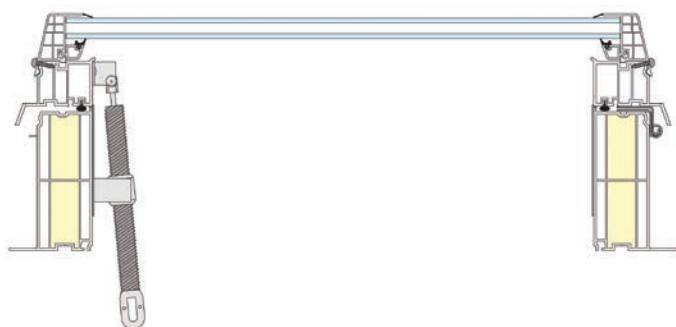
Lunaglaze PVC complete unit supplied with a 150mm vertical PVC kerb/upstand



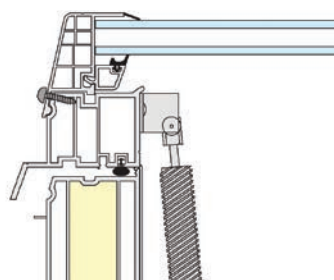
Complete unit – With supplied PVC Kerb /Uprand

# Lunaglaze PVC Hinged

## Manual Hinged Ventilation



A pitch of between 5°–15° is recommended to avoid water ponding.

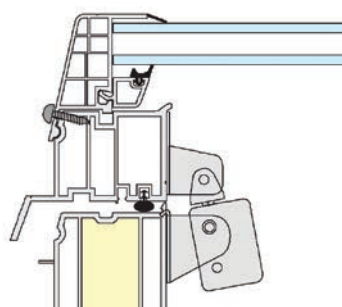


The Lunaglaze PVC Manual Hinged rooflight provides the perfect way to manually control ventilation in a space and is particularly well-suited for kitchens and areas with high humidity. The unit is operated with a manual spindle and comes with a portable winding rod available in either 1.5m, 2m, or 3m lengths.

## Electric Hinged Ventilation



A pitch of between 5°–15° is recommended to avoid water ponding.



The Lunaglaze PVC Electric Hinged rooflight provides the perfect solution for controlled ventilation in both large and small spaces with a high ceiling space, where a manual system might not be practical.

For more advice, please call our **Technical Support Team on 01276 451555.**



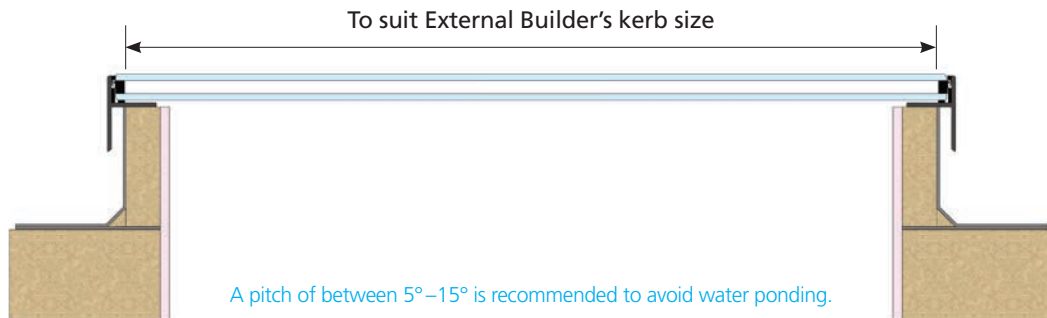




# Measuring Guide Lunaglaze ALU Rooflights

We recommend you use the following measuring guide to assist you in working out the correct measurements for your rooflight. The National Domelight team will be happy to help you apply the results to a full specification.

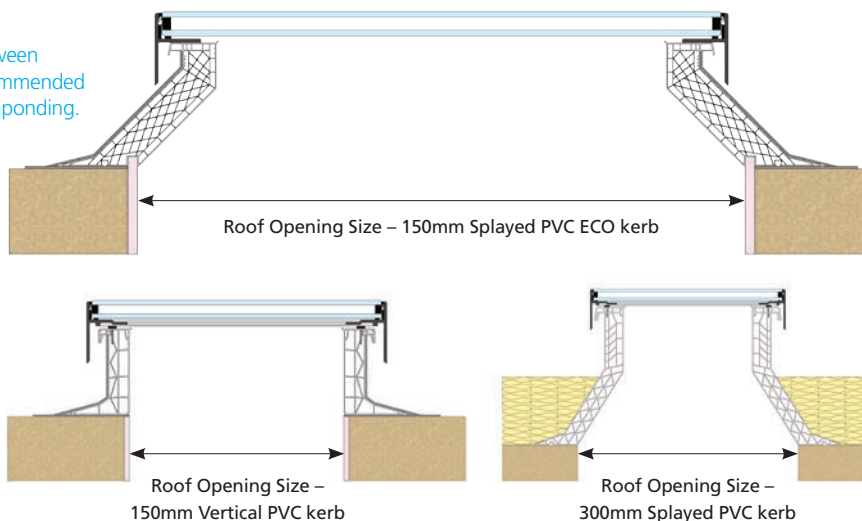
## 1 To suit builder's kerb The measurement below is required (overall weathered kerb size).



Please contact us for specific measuring guides for all products not listed below. These are available from us and can be tailored to suit your specific product and size requirements.

## 2 With supplied kerb

A pitch of between 5°–15° is recommended to avoid water ponding.



## Other information

For more detailed information, please refer to the relevant pages in this brochure, our website or give our Sales Team a call.

# Lunaglaze ALU

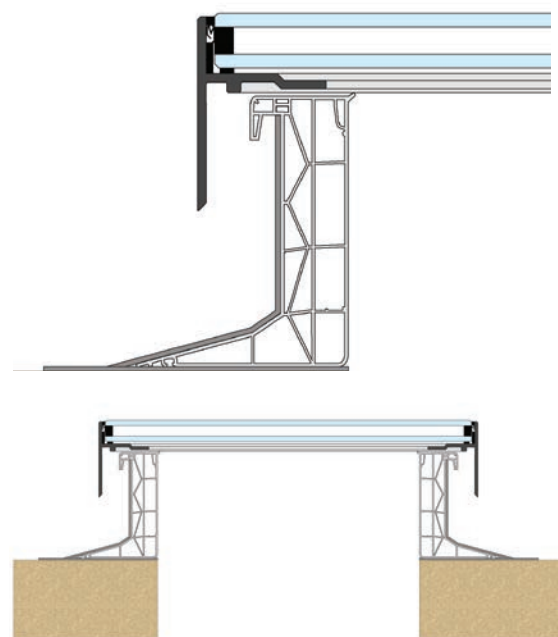


Lunaglaze ALU flat glass rooflights are a prefabricated high quality aluminium framed rooflight. With its clean, minimalistic finish both inside and out and excellent thermal qualities, it looks great and performs well in any setting.

The units combine high performance, silicone bonded, flat sealed glass units with a fully welded, polyester powder-coated aluminium framework: **RAL 7016 (Anthracite Grey) as standard** but other RAL colours are available. The use of flush external metalwork ensures efficient rainwater drainage, avoiding the problems associated with 'water-ponding', an effect experienced by some other products.

## Lunaglaze ALU Key Features

- A thermally broken unit
- Good thermal ( $1.24\text{W/m}^2\text{K}$ ) and sound insulation properties
- Factory pre-glazed for easy installation
- Wide range of ventilation options
- Secure, welded glazing frame
- Simple to install
- Nine sizes available from stock for immediate delivery
- Circular shape to order
- Safety – Glazing tested and passed the non-fragility test according to CWCT
- Available with a range of PVC upstands



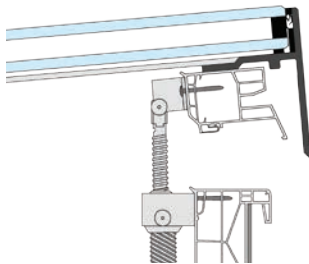
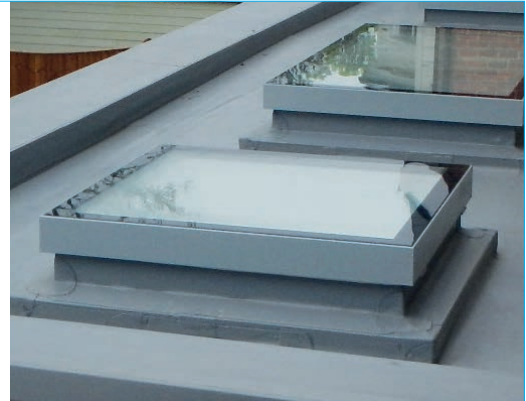
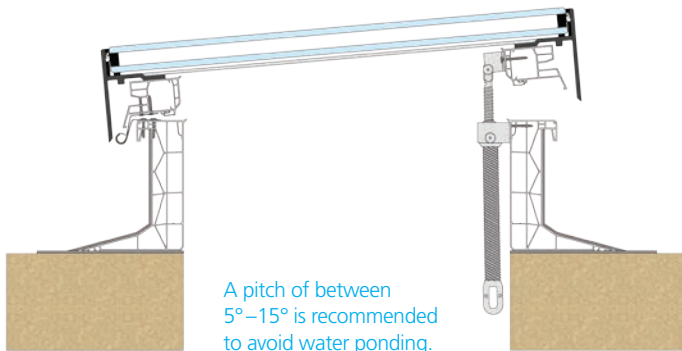
A pitch of between  $5^{\circ}$ – $15^{\circ}$  is recommended to avoid water ponding.

Lunaglaze ALU with 150mm high vertical PVC upstand



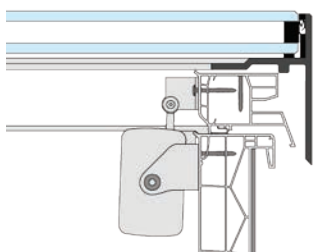
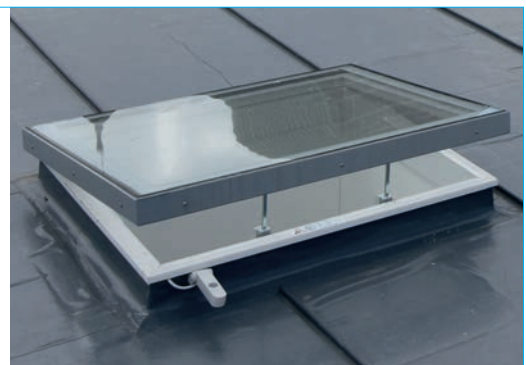
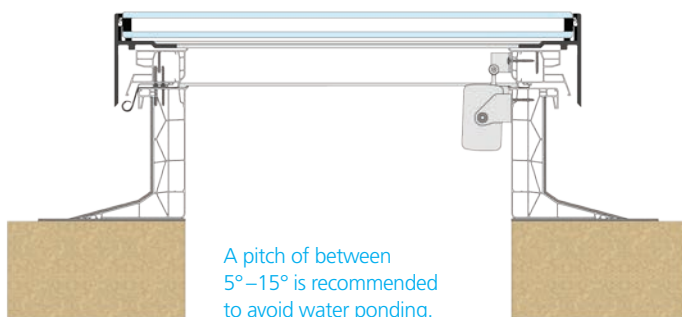
# ALU Hinged Ventilation

## Manual Hinged Ventilation



The Lunaglaze ALU Manual Hinged rooflight consists of a fully welded aluminium frame and sealed double-glazing, constructed to enhance thermal performance. In operation, the rooflight will provide the maximum possible ventilation area to allow rapid air movement – the manual spindle operation opening to any point up to 300mm. The portable winding rod is available in 1.5m, 2m and 3m lengths.

## Electric Hinged Ventilation

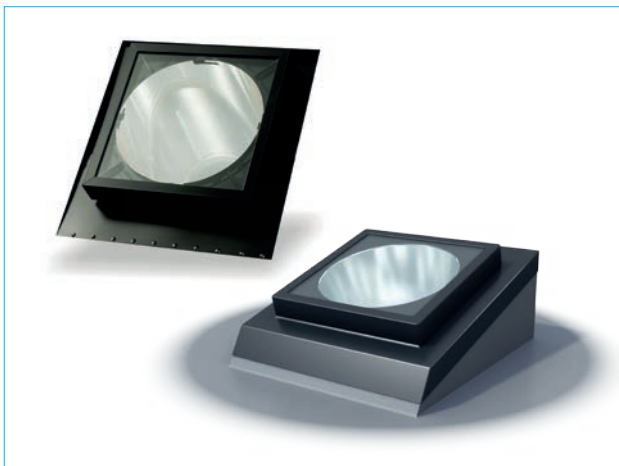


Built using the same fully welded aluminium frame construction and sealed double-glazed unit as the Manual Hinged, the Electric Hinged rooflight is available with a concealed actuator for those looking for a more minimalistic design. The electric actuator operation allows the rooflight to open to 200mm, and can be controlled by a wall mounted open/close switch with options for wind, rain and temperature sensors, as well as CO<sup>2</sup> sensors.

For more advice, please call our **Technical Support Team on 01276 451555.**

# Suntube

Suntubes provide an elegant solution to getting daylight from the roof into awkward spaces. The National Domelight Company stock a wide range of suntubes specifically designed to direct natural light into the smallest space. Essentially suntubes work by directing daylight at roof level through reflective internal tubing, into the space where it is diffused at ceiling level.



## Why install a Lunaglaze suntube?

- The compact units make suntubes perfect for bringing natural light into any area that is too small to install traditional rooflights, such as a dark hallway, corridor or toilet
- They effectively act as natural spotlights and are ideal for providing task lighting
- Suntubes can be easily installed into new or existing roofs, with minimal disturbance to roof and ceiling, and fit most types of flat and pitched roof
- Suntubes are available with passive ventilation options which can help improve Building Regulation compliance

## How much light does a suntube transmit?

UK tests show that a 3m flexible suntube, on a 550mm diameter unit, can achieve anything up to 14 times the equivalent of a 100 watt bulb (1500 lux compared with 105 lux). The rigid suntube reflects up to 98% on its inner surface to provide up to 20 times more light than a 100 watt bulb (2200 lux compared with 105 lux).

## Applications and limitations

As specific applications and external light conditions are beyond the control of the National Domelight Company we can make no guarantees on specific levels of transmitted light. However, for maximum daylight output, we recommend that the suntube is placed on a south facing roof slope, at the highest point, and away from any overshadowing buildings and trees.

Rigid suntubes are best for longer tube lengths while flexible suntubes are more suitable for shorter runs and are easier to install. In addition suntubes should be installed to give the straightest run from roof to ceiling level.

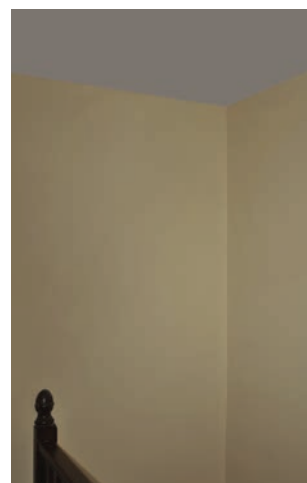
## Size

The standard suntube kit accommodates:

- Rigid Tube System: up to 1.0m (0.7m for flat roof kits)
- Flexible Tube System: up to 3.0m

Rigid extension tubing is available in 625mm and 1250mm lengths and is suitable for extending both the Flexible and Rigid Tube Systems.

Flexible extension tubing is also available. For more advice on the best combination for your application, please call our **Technical Support Team on 01276 451555**.



Before installation



After installation





**Key**

- 1** Low profile double glazed, glass cover
- 2** Roof flashing panel
- 3** Flexible and rigid tube options
- 4** Lower tube ceiling mounting ring
- 5** Easy-fit magnetic, double glazed ceiling diffuser



Suntube can be supplied with a rigid tube and can be installed on both pitched and flat roofs.

# Technical Services



The National Domelight Company sales team is always available to assist you, from your initial enquiry through to after sales support. This includes help with specification writing, site surveys, budget costings, and fully detailed quotations.

## Health & Safety

(HSE) Health and Safety in Roof Work states that where rooflights are required, designers should consider:

- Specifying rooflights that are non-fragile
- Fitting rooflights designed to project above the plane of the roof and which cannot be walked on (these reduce the risk but they should be capable of withstanding a person falling onto them)
- Protecting rooflight, e.g. by means of mesh or grids fitted below or above the rooflight
- Specifying rooflights with a design life that matches that of the roof, taking account of the likely deterioration due to ultraviolet exposure, environmental pollution and internal and external building environment

## Man Safe

Man-safe is a term often used within the construction industry to mean that the product can withstand foot traffic. However, man-safe has no recognised definition and 'non-fragile' does not qualify a product to be used as a thoroughfare. Whilst glazing and other accessories may be designed to safely resist the impact of a human body falling against it, the wilful act of walking on any kind of roof glazing must be forbidden at all times.

The act of walking upon a glazed structure can cause microscopic damage that, in time, may have a detrimental effect upon the impact performance of the system. Walking upon glazing may encourage a practice that could lead to general disregard for the rating of said glazing, with catastrophic consequences.

## Handling & Storage

While all Lunaglaze rooflights and associated products are suitably packaged to avoid damage care should be exercised when handling. For moving larger items, two or more people may be needed. All products should be stored flat at all times in dry conditions until installation.



## Condensation

Condensation occurs where warm moist air meets cold surfaces. As warm air rises, the risk of condensation forming at rooflight level is relatively greater than at a lower level. The risk can be minimised by specifying ventilated rooflights. However, because temperature and humidity levels are clearly beyond our control, no guarantee can be given against the formation of condensation. Condensation can also occur when the room below has high humidity levels, for example during construction from new plaster or paintwork. However, once the humidity level in the room is restored to normal this condensation dissipates.

## Installation

Most Lunaglaze rooflights are supplied ready assembled however some larger units may require on site assembly. All rooflights will be supplied pre drilled complete with security screw bolts and factory applied gaskets where applicable. Lunaglaze rooflights are delivered to site in protective packaging. Full instructions and fixings are included with all products, and should be carefully studied prior to installation.

## Guarantees

All Lunaglaze rooflights, when installed on kerbs in accordance with manufacturer's instructions, are guaranteed against the effects of defective design, materials or construction for a period of five years from date of supply by National Domelight Company. Lunaglaze rooflights have an expected life of at least 25 years, which would normally exceed the life of the roof waterproofing materials. All other items such as kerbs, ventilation systems, electrical components and other accessories are guaranteed for 12 months from date of supply by National Domelight Company.



# Why do we need natural sunlight?

There is no denying that natural daylight in a room can make all the difference to its occupants. Rooflights and Skylights are the best way of introducing natural light and can provide up to three times more daylight than an equally-sized vertical window. People work better in naturally lit workspaces and natural lighting can have less of an impact than artificial lighting.







more choice, better prices.

**Pyramid House  
52 Guildford Road  
Lightwater  
Surrey  
GU18 5SD**

Tel: 01276 451555  
Email: [info@nationaldomes.com](mailto:info@nationaldomes.com)  
[www.nationaldomes.com](http://www.nationaldomes.com)



Important notes:  
The responsibility for determining that any building component complies with the relevant Building Regulations rests solely with the client or specifier.  
The National Domelight Company policy is one of continuous product improvement, accordingly we reserve the right to alter specifications without notice at any time.

