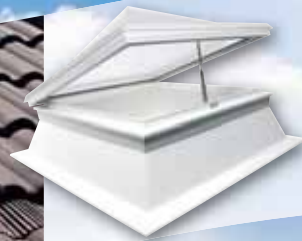


Uniclass L414	Epic D15
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Sola SkyLights

...for all your natural lighting requirements

SkyTunnel ☀



Sola Rooflight

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Why Sola Skylights?

Sola Skylights have been delivering innovation and quality to the building trade and end users of Skylights since it's foundation in 1997. Sola Skylights offer the largest range of natural light providers in the UK and Ireland, including Light Tunnels, Roof lights and Natural light fibre optics. Sola Skylights have invested in ISO 9001:2000 and BBA accreditation demonstrating a commitment to best practice and quality in manufacturing, customer service and design.

Its our mission...

To provide quality products. To always pursue the most innovative materials in our design and manufacturing.
To always provide the best value for money and customer satisfaction.
To provide excellent customer advice and services in specification.

Call us now

UK 0800 389 7361



What are the benefits of natural light?

Sola Skylights offer one of the easiest and most affordable ways to bring daylight into traditionally low or no-light interiors, at home and in the working environment. With the added benefit of ventilation if required.

Natural lighting within the home or workplace is of fundamental importance for the well-being, efficiency and safety of people within that environment. It can also reduce a buildings carbon footprint by reducing the need for electric lighting during the day time hours.

Whatever lighting requirements, Sola Skylights will have the solution to meet your needs. If you have a specific project for which you require more information, a specification or a quotation, then Sola Skylights technical staff will be able to help you.

Ecological Sustainability

Our entire product range - Sky Tunnel, Sola Rooflights and Sola Hybrid Lighting - are designed in a way that these products are environmentally friendly. None of them has a carbon footprint during their product lifetime as they only rely on light coming from the sun. Using our products will bring not only the joy of natural daylight and healthier living, but will also improve the energy efficiency and reduce the carbon footprint of your building.



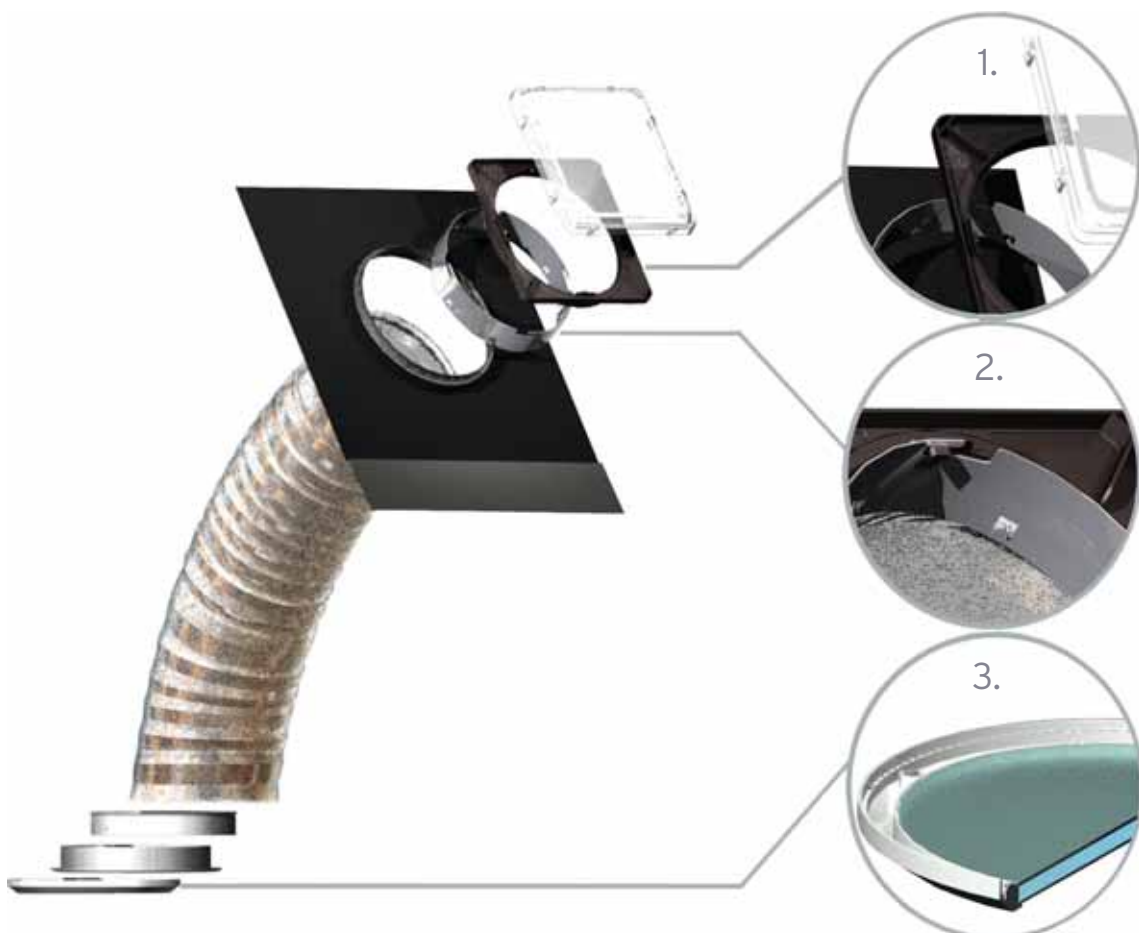


Sky Tunnel Range

The new XL² now even easier to install and with a low profile square roof-dome. Low profile square roof dome engineered for maximum light transmission. Adjustable ventilation option with each Skylight. Easy fit tube attachment. Easy fit double glaze ceiling diffuser for superior heat retention. Sizes available from 343mm, 457mm and 535mm diameter to suit all rooms and applications. Available with Flexi-Tube or Rigid Pipe system.

Sky Tunnel XL² New Features

1. Interchangeable vent or solid tabs option with each Sky Tunnel
2. Easy fit tube attachment.
3. Easy fit magnetic double glazed ceiling diffuser



Sky Tunnel Flexi-Tube

The Sky Tunnel Flexi-Tube effectively channels daylight into internal areas such as domestic internal landings, internal bathrooms, hallways, walk-in-wardrobes and WC's. The flexibility of the tube allows natural light to reach these areas where the rigid system proves difficult to install. The Flexi-Tube is constructed from four layers of highly reflective metallised polyester membrane woven on a wire spring skeleton. This makes the tube very flexible but also incredibly tough and easy to install.



Sky Tunnel installed in dining room



Room before Sky Tunnel installed



Room after Sky Tunnel installed



Sky Tunnel installed in bedroom

Sky Tunnel Rigid Tube

Utilising a hard wearing mirror finish polished aluminium tube with 98% reflectance makes it the highest reflective material available on the market. It is suitable for large areas where high volume of light is required, especially those with high ceilings. Most commonly used in Schools, Offices, Supermarkets, Leisure Centres etc.



Sky Tunnel Rigid Tube sections



Sky Tunnel Rigid installed in office corridor



Accessories

Security Collar

Fitted to the roof dome to prevent intrusion.



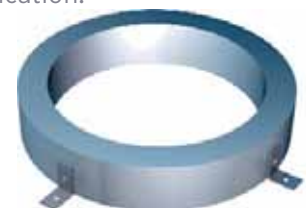
Sola Skylights Electrical Light Kit

This kit removes the need for a separate light fitting in a small room such as WC or Bathroom.



Ceiling Diffuser Fire Collar

Protects against fire spread by collapsing the Sky Tunnel. Gives up to four hours fire certification.



How much light will my Sky Tunnel provide?

Tests carried out in the UK (by Durham University) prove that anything up to twelve times the equivalent of a 100 watt bulb can be achieved with 3 metres of Flexi-tube run on the 550mm diameter unit.

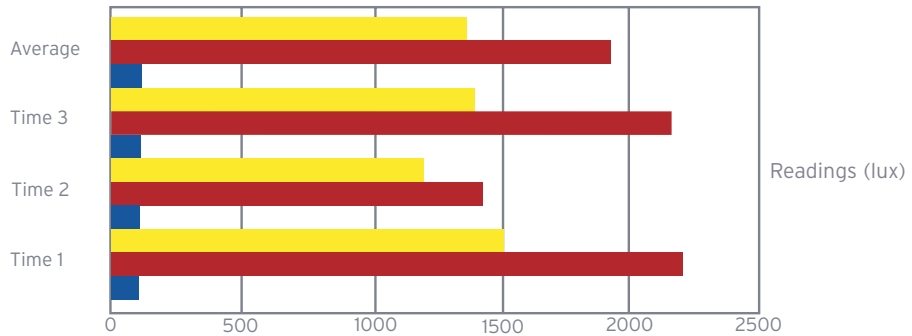
As with all natural light providers, this depends on the exposure to the available daylight (South facing is best) also the length of Flexi-tube, time of day, time of year etc. The larger diameter Sky Tunnel installed the more volume of light will be transmitted.

The location of the roof dome should be directly above or as near as possible to the ceiling diffuser. This roof dome assembly should be installed as near as possible to the ridge. Avoid bends in the Flexi-tube as this will affect efficient light transmission. We recommend a roof specialist fit the Sky Tunnel should it be necessary to make alterations to the rafters and joists.

Other factors should also be considered i.e. colour scheme of interior and on which elevation the roof dome is going to be positioned; south, east, west, also the length of tube.

Light intensity at three times during a day

- Flexible system
- Rigid system
- 100 watt light bulb



What size & type of Sky Tunnel do I need?

The location of the roof dome should be directly above or as near as possible to the ceiling diffuser. The roof dome assembly should be installed as near as possible to the ridge. Avoid bends in the Flexi-tube, as this will affect efficient light transmission. We recommend a roof specialist fit the Sky Tunnel should it be necessary to make alterations to the rafters and joists. Other factors should also be considered i.e. colour scheme of interior and on which elevation the roof dome is going to be positioned; South, East, West and also the length of tube. The tables are an indication only.

Sky Tunnel Flexi-Tube

	343mm (Diameter)	457mm (Diameter)	535mm (Diameter)
Where?	En suite WC Walk-in-robe 2m x 2m	Bathroom Hallway Small Landings 3.5m x 3.5m	Living areas Large Landings Kitchen 5m x 5m

Sky Rigid Tunnel

	343mm (Diameter)	457mm (Diameter)	535mm (Diameter)
Where?	Bathroom Hallway Small Landing 4m x 4m	Bathroom Landing Office Corridors 5m x 5m	Commercial Areas Corridors Offices Retail Areas 6m x 6m

Please note the table are an indication only. For further advice please call our help line on 0800 389 7361

Components

The Sky Tunnel flexible system comes with up to 3 meters of Flexi-tube pre-attached.

The Sky Tunnel rigid system is supplied with the upper rigid section, adjustable angle (extra angles can be supplied as required), either/or 1250mm long section or 625mm long rigid section (to make up what ever overall length is required) and a bottom connector ring.

We continuously invest in the development of our product range and ensure our support staff are kept up-to-date with the latest legislation and guidelines so they can give practical advice right from your initial enquiry

Components Reference



Installation and Fitting

A Sky Tunnel utilising the Flexi-tube can usually be installed in about two hours. Sky Tunnel is supplied in kit form with 3 metres of Flexi-tube pre-attached to the roof unit for rapid installation.

No Hidden extras, no reordering!

Sky Tunnel overcomes the limitations of other skylights. No need for time consuming framing, dry lining, skimming or painting, everything will be included for a successful installation, right first time.

External



step 1



step 2



step 3



finished

Internal



Rooflight Range

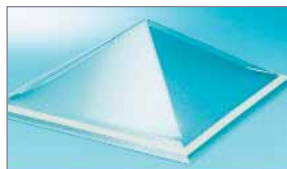
Our standard rooflight range offers you the versatility of a tailor made solution, without the additional cost or lead time. Simply select the glazing element, upstand or adaptor kerb and size you require. All Sola Skylights glazing elements are manufactured in high quality UV protected polycarbonate and are available as single, double and triple skin units in the following options: Clear, diffused, bronze anti-glare, opal (other shapes available on request)

Standard Kerb Range

A huge range of upstands and adaptor kerbs are available, with options for ventilation, insulation, increased security or access. Materials - PVCU, aluminium, galvanised steel, GRP
The rooflight range comes in a variety of finishes, as follows:-

- Galvanised steel and aluminium with M600 primer as standard with the option of white gloss paint or polyester powder coated finishes.
- PVCU - High thermal efficiency, white low maintenance coated finishes.
- GRP - white smooth finish internally. A range of circular up-stands are also available in GRP, galvanised steel or aluminium.

Insulation is supplied as standard on GRP, as optional extra on galvanised steel and aluminium. PVCU self insulating.



SSL100 Pyramid



SSL253 Hemispherical



SSL90 AK Controlled Louvre

Available as upstand or adaptor kerb. Variable upstand heights to suit specification.



SSL 100 Oval

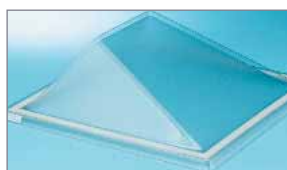


SSL100 Hexagon



SSL89 Non-vented Upstand

Available as upstand or adaptor kerb. Variable upstand heights to suit specification. Shown with EML.



SSL Northlight Wedge

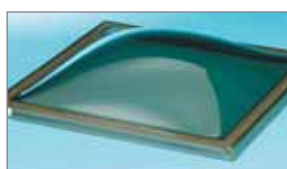


SSL100 Continuous Pyramid



SSL89 AK Adaptor Kerb

Adaptor kerbs can be supplied with all ventilation or opening options.



SSL102 Dome



SSL101 Barrel Vault



SSL64 Hit & Miss

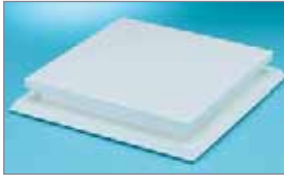
Available as upstand or adaptor kerb. Variable upstand heights to suit specification.



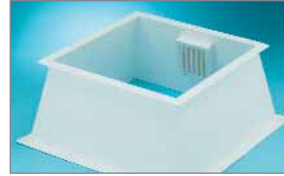
SSL63 Linear Motor Actuated
Available as upstand or adaptor kerb. Variable upstand heights to suit specification.



SSL129 Pole Operated Wormgear
Available as upstand or adaptor kerb. Variable upstand heights to suit specification. Shown here with upstand.



SSL89 AKFT
Available as upstand or adaptor kerb. Variable upstand heights to suit specification.



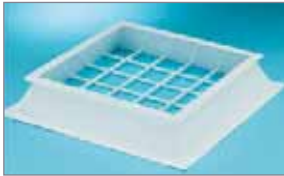
SSL66 Power Fan
Available as upstand or adaptor kerb. Variable upstand heights to suit specification.



SSL55 50% Ventilation
Available as upstand or adaptor kerb. Variable upstand heights to suit specification.



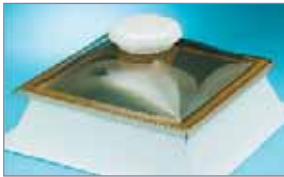
SSL123 Hinged Access
Available as upstand or adaptor kerb. Variable upstand heights to suit specification.



SSL89 VS Vandal Safe
Available as upstand or adaptor kerb. Variable upstand heights to suit specification.



SSL91 Failsafe
Available as upstand or adaptor kerb. Variable upstand heights to suit specification.



SSL102 with Power Fan
Available as upstand or adaptor kerb. Variable upstand heights to suit specification.

Standard Glazing Size

Circular (diameter)

Overall rooflight size	Finished Kerb Dimension including waterproofing
600	580
900	880
1200	1180
1500	1480
1800	1780
2100	2080
2400	2380

Square

Overall rooflight size	Finished Kerb Dimension including waterproofing
600x600	580x580
750x750	730x730
900x900	880x880
1000x1000	980x980
1050x1050	1030x1030
1200x1200	1180x1180
1350x1350	1330x1330
1500x1500	1480x1480
1800x1800	1780x1780

Continuous (width)

Overall rooflight size	Finished Kerb Dimension including waterproofing
600	580
900	880
1200	1180
1500	1480
1800	1780

Rectangular

Overall rooflight size	Finished Kerb Dimension including waterproofing
600x900	580x880
600x1200	580x1180
600x1500	580x1480
600x1800	580x1780
600x2400	580x2380
900x1200	880x1180
900x1350	880x1330
900x1500	880x1480
900x1800	880x1780
900x2400	880x2380
1000x1500	980x1480
1000x2000	980x1980
1200x1500	1180x1480
1200x1800	1180x1780
1200x2400	1180x2380
1800x2400	1800x2380

Sola SkyLights

...for all your natural lighting requirements

We Offer:

Obligation free quote
Specification advice
Technical support
Installation services

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F 01388 778 216
E info@solaskylights.com
www.solaskylights.com

For more info on anything you've read in our brochure, or if there are questions you need answered go to our website or call our helpline on 0800 389 7361.

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