Kingspan Day-Lite Kapture Air
Application

The Kingspan Kapture Air rooflight is suitable for use with all Kingspan insulated roof panels as well as other roof systems.

The rooflight is triple-glazed using specially designed polycarbonate layers to maximize both light transmission and diffusion.

The shape of the rooflight unit has been specially designed to capture the maximum level of light, even at low angles, so is ideal for use in geographical areas such as Northern Europe.

The rooflight base is manufactured from heating-insulating white PVC.

The U-value of the skylight base is 1.3 W/m²K. The U-value of the polycarbonate glazing is 2.2 W/m²K.

The optional safety security fabricated wire mesh has been tested to withstand the impact of a 50kg weight (400mm in diameter) dropped from a height of 2400mm (BS EN 1873:2014 Class SB1200).

Features a motorised actuator for daily aeration and ventilation of rooflights, as well as for exploiting daylight.

Quick and easy installation. Can be installed in roofs with pitches up to 25° (max).

Dimensions

The U-value of the polycarbonate glazing is 2.2W/m²K

<table>
<thead>
<tr>
<th>Product Reference</th>
<th>Roof Opening Length x Width (mm)</th>
<th>Skylight Base Interior Length x Width (mm)</th>
<th>Drive Lift Height (mm)</th>
<th>Free Ventilation Area m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>KS700DLK</td>
<td>930 x 930</td>
<td>730 x 730</td>
<td>300</td>
<td>0.44</td>
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<tr>
<td>KS700DLK</td>
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<td>1720 x 2996</td>
<td>1520 x 2796</td>
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<td>2.16</td>
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</tbody>
</table>

Note:

**Light transmission according to EN 410 is as measured on 600mm x 600mm samples**
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Base design with heat insulation all round, meets the requirements for daily aeration and ventilation and daylight utilisation.

Kingspan Kapture Air

External Skylight Dimensions

KS700DLK-A & KS700DLKCC-A

KS1400DLK-A & KS1400DLKCC-A
Kingspan Kapture Air
External Skylight Dimensions

KS1500DLK-A & KS1500DLKCC-A

KS2750DLK-A & KS2750DLKCC-A
Kingspan Day-Lite Kapture Air

Product Data

H&S Classification
- Non-fragility to ACR [M]001: 2014 Class A,* when installed as per Kingspan details
- Non-fragility to BS EN 1873:2014 Class SB1200* when installed as per Kingspan details

The security mesh fixed to the kerb achieves:
- Non-fragility to ACR [M]001: 2014 Class B, when installed as per Kingspan details
- Non-fragility to BS EN 1873:2014 Class SB1200 when installed as per Kingspan details

Fire Performance
The Day-Lite Kapture polycarbonate achieves European class B-s1-d0 to EN13501, which can be regarded as an AA (National class) designation or BROOF(t4) (European class) in accordance with UK building regulations. Achieves B2 according to DIN 4102-1 and E according to DIN EN 13501-1

Materials
Factory-assembled skylight and base
- Triple-layer polycarbonate
- PVC frame

Optional additional features
- Steel security safety screen
- Visual warning light for control panel
- Wind and rain sensors

Product Tolerances

<table>
<thead>
<tr>
<th></th>
<th>+/-5mm</th>
<th>- 5mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
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<tr>
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<td>Width</td>
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Fixing Details
Please refer to the standard details for fixing arrangements. For further information, please contact Kingspan.

Packing
Kingspan Day-Lite Kapture rooflights are stacked weather side up (to minimise pack height). The top, bottom, sides and ends are protected with foam and timber packing and the entire pack is wrapped in plastic.

Quality & Durability
The Kingspan Day-Lite range is manufactured from the highest quality materials, using state-of-the-art production equipment to rigorous quality control standards; ensuring long term reliability and service life. All Kingspan Day-Lite products are fully compliant with ISO 9001, ISO 14001 and OHSAS/ISO 18001.

Guarantee
Kingspan Guarantee covering the structural and thermal performance for a period of up to 25 years.

Safe Storage
To ensure the Kingspan Day-Lite Kapture system remains in prime condition while stored on site, the following precautions should be taken.

At ground level:
- Allocate a safe, trade-free area; prevent personnel from walking over packs; and store all components of the Kingspan Day-Lite Kapture system in packaging and on a slight slope ensuring any penetrating rainwater drains off.

At roof level:
- Prior to and during installation, securely tie Kingspan Day-Lite Kapture packs to the roof structure to prevent movement; and keep Kingspan Day-Lite Kapture skylights covered to prevent penetration from rainwater.
- Kingspan Day-Lite Kapture skylights must be kept out of direct sunlight at all times prior to installation (at both ground and roof level). It is recommended to cover Kingspan Day-Lite Kapture packs with a non-transparent waterproof sheet.

Delivery
All deliveries (unless indicated otherwise) are by road transport to project site. Off-loading is the responsibility of the client.