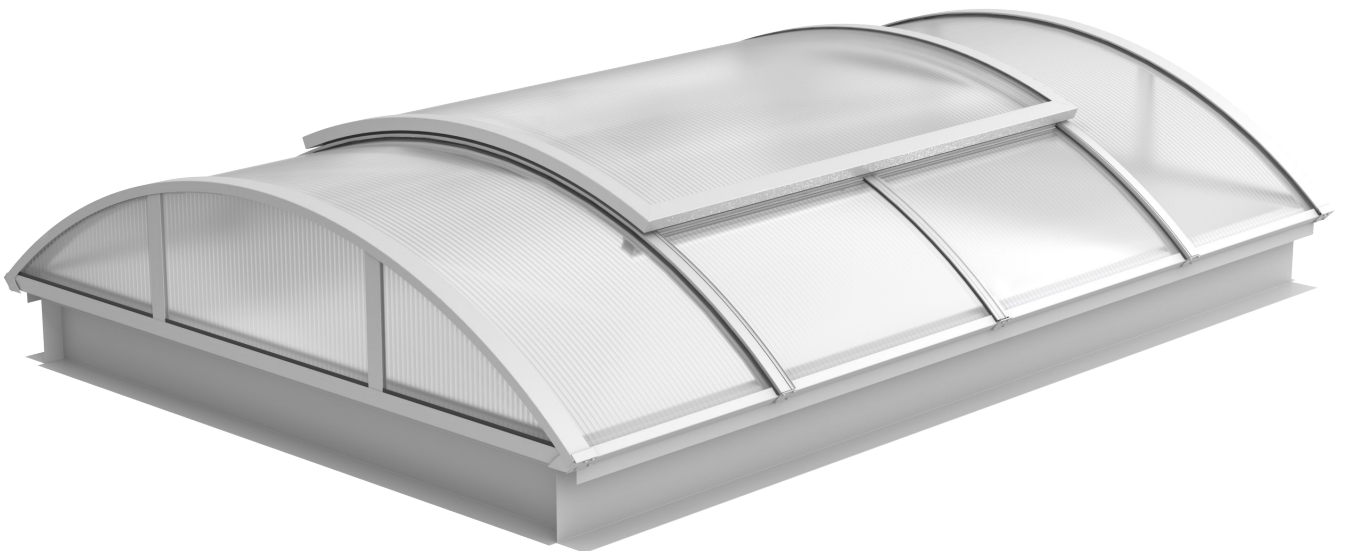




Continuous rooflight LB basic Data Sheet

The modular daylight system for the industrial flat roof



Daylighting Solutions
Natural Ventilation Solutions
Smoke Management Solutions
Service & Maintenance
Building Automation

Application

With its expandable functionality, the continuous rooflight LB basic is a system for standard requirements in industrial flat roofs. In this sector, the continuous rooflight LB basic is an ideal solution for pure lighting, ventilation or for complex smoke and heat extraction systems.

Application areas

- Industrial flat roof (z.B. Lagerhallen) up to a roof pitch up to a maximum of 25° (parallel to the ridge maximum 5°)
- Larger pitches on request
- New building and refurbishment
- On Kingspan frame systems or on-site frame upstands

Material

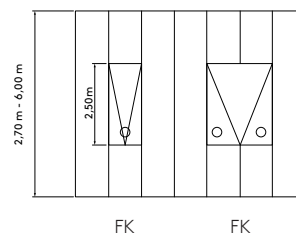
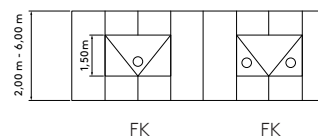
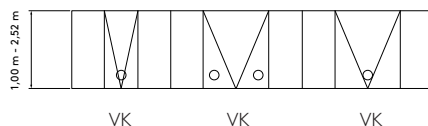
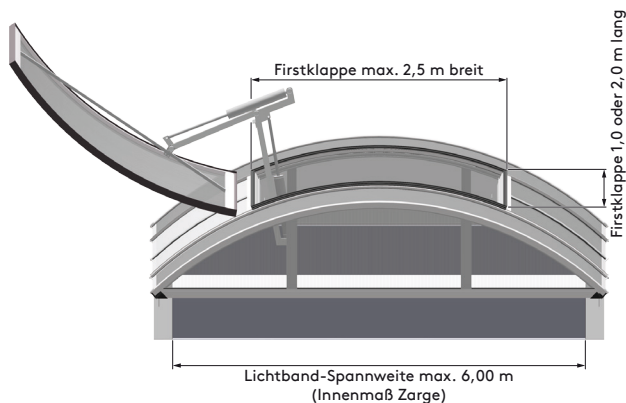
- Profile system made from aluminium
- Sheet material made of polycarbonate multiwall panels, PETG, GFK

Advantages and Features

- Available in spans from 1 to 6 metres in any length
- Expandability through modularity and a wide range of accessories
- Different glazing variants available for a wide range of requirements such as heat, sun, sound or emission protection and hard roofing
- Individually adaptable to static requirements
- Versions for carrying high snow loads possible
- Approved according to General Building Approval (aGB's) Z-10.19-821 and European Technical Assessment ETA-17/0482
- Compatible with Kingspan fall and fall-through protection systems (GS-BAU-18:05-2020, fall height 1,20 m / 2,40 m; depends on system)
- Intelligent connection technology through frame safety connection ZSA made of EPDM for sheet metal roof connection



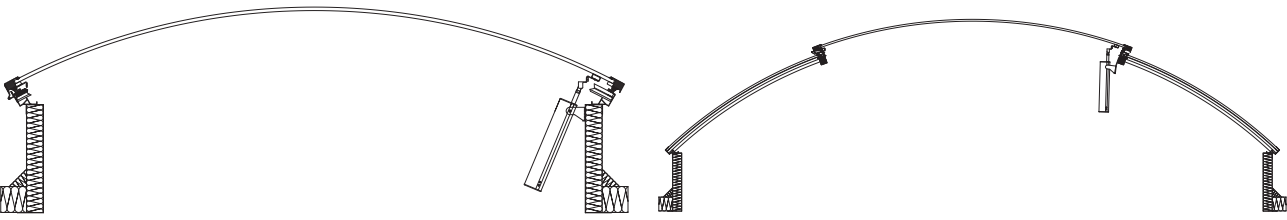
Cross section of continuous rooflight LB basic



VK = Full flap
FK = Ridge flap
SHEV starting with a span width of 1,35 m (national)

Flap variants for continuous rooflight LB basic

Technical Data



Full flap with ventilation drives

- Mounting position: Across the entire span of the continuous rooflight
- In 1,00 m und 2,00 m dimensions available
- For span widths of 1,00 m up to 2,52 m
- SHEV flap system tested and certified according to EN 12101-2

Ridge flap with ventilation drives

- Mounting position: In the ridge with two transom profiles for fastening
- For span widths from 2,00 m up to 6,00 m (1,50 m x 2,00 m)
- For span widths from 2,30 m / 2,70 m up to 6,00 m (2,10 m x 1,00 m)
(2,10 m x 2,00 m)
(2,50 m x 1,00 m)
(2,50 m x 2,00 m)

Can be combined with electric smoke and heat extraction devices NRWG F6 LB and NRWG 24/48 V LB certified to DIN EN 12101-2 (see separate product data sheets)

Section of available glazing - further variants on request

Glazing variants	Span width [m]	U _i value [W/m²K] ¹⁾	Sound proofing [dB] ⁴⁾	Light transmission ³⁾ [%]	g value ³⁾ opal [%]	Fire behavior [EN 13501]
PC 10/4	1,00 - 6,00	2,9	19	61	61	B-s1, d0
PC 16/7	2,00 - 6,00	1,9	21	45	46	B-s1, d0
PC 20/7	2,50 - 6,00	1,6	23	44	45	B-s1, d0
PC 10/4 + 10/4	1,00 - 6,00	1,7	24	43	51	E
PC 10/4 + Glasvlies + PC 10/4 ²⁾	1,00 - 6,00	1,7	24	30	40	E
PC 16/7 + 10/4	2,00 - 6,00	1,3	24	34	44	E
PC 16/7 + Glasvlies + PC 10/4 ²⁾	2,00 - 6,00	1,3	24	25	38	E
PC 16/7 + 6 mm PETG	2,00 - 6,00	1,8	30	39	52	E
PC 16/7 IR control white	2,00 - 6,00	1,9	21	22	31	B-s1, d0

¹⁾ Horizontal installation
²⁾ Meets the requirements for „hard roofing“ B roof (t1)
³⁾ Only opal glazing, other glazings on request
⁴⁾ Sound proofing of PC sheets

U_{RC} values can be calculated individually on request.
The continuous rooflight basic is supplied with a pitch of 1/5 or 1/9 depending on the glazing material, static design and width.

DACH

Kingspan Light + Air GmbH
Kingspan-Straße 2
32107 Bad Salzuflen
T: +49 (0) 5222 791-0
F: +49 (0) 5222 791-236
E: info@kingspanlightandair.de
www.kingspanlightandair.de

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Subject to technical changes.
Illustrations not binding.

For the latest product information please visit
our website:

