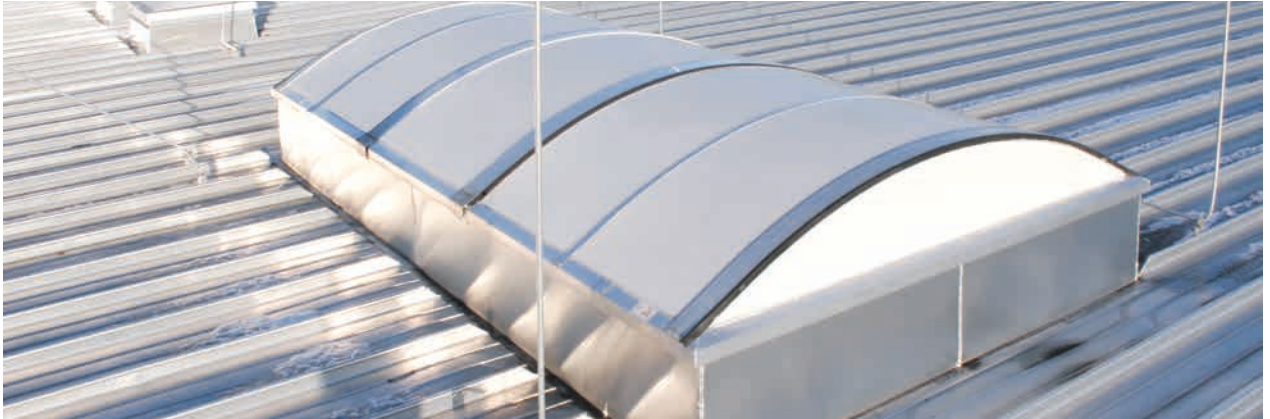


VARIO light flap

VELUX®
Commercial


Manufactured to the customer's precise size specifications and delivered as a complete unit

VARIO light flap

- especially suitable for use in refurbishment projects, thanks to centimetre-precise manufacture within the dimensions listed on the back side
- delivered prefabricated for fast installation
- high-quality and durable construction with an aluminium frame and polycarbonate double-skin glazing
- suitable for use as a SHEV unit, in lengths up to 250 cm, and certified to DIN EN 12101-2

Profiles

- extruded aluminium profiles, mill finish; optionally powder-coated in a RAL colour of your choice

Glazing

- 10 mm polycarbonate double-skin sheets or 10 mm polycarbonate four-shelled skin sheets in opal or clear

Reaction to fire

- B1 of low flammability according to DIN 4102
- B-s1, d0 of low flammability according to EN 13501-1

Dimensions

- from 112–412 cm upper exterior edge of the upstand

Ventilation possibilities

Manually activated

- with spindle opener 300 mm lifting height and hand crank rod in 1.5 m and 2.5 m lengths or in an extendable version of 2.5–4.0 m

Electrically activated (230V AC or 24V DC)

- on or under plaster, ventilation double switch for motor opener with indicator lamp
- motor opener with thrust spindle approximately 300 or 500 mm lifting height (other lifting heights possible)
- rain sensor or wind/rain sensor
- central closure control with timer

Pneumatically activated

- pneumatic lifting cylinder 300, 500, 750, 1,000, 1,250 mm lifting height
- pneumatic manual control valve



VARIO light flap with SHEV device and electrical motor after SHEV release in the final position



VARIO light flap with SHEV device and electrical motor in ventilation position

Possible dimensions
of the VARIO light flap

		maximum order dimensions	maximum clear dimensions (upper edge of bearing)
		cm x cm	cm x cm
simply delivery	VARIO light flap	292 x 412 ¹	280 x 400
delivered ready to install completely premounted with:	GRP upstand, 15, 30, 50 cm high (sizes according to dome rooflight delivery list)	250 x 250 ² 200 x 300 ²	230 x 230 180 x 280
	PVC upstand, 15, 30 cm high (sizes cm-precise possible)	270 x 350 ²	250 x 330
	PVC riser, 15, 30 cm high (sizes cm-precise possible)	300 x 380 ²	280 x 360
	metal upstand, ISO-THERM AK, type TE, 30, 40, 50 cm high (sizes according to dome rooflight delivery list)	270 x 300 ²	250 x 280
on-site installation on:	steel sheet base, horizontal bearing, width 60 mm	292 x 412 ¹	280 x 400
	on site base, horizontal bearing, minimal width 60 mm	292 x 412 ³	depending on construction

Notes:

Depending on customer specifications, products can be manufactured to centimetre-precise dimensions within the range of available sizes.

1) Outer dimension of bearing

2) Dome rooflight order sizes = clear dimension lower edge of upstand

3) Information of bearing necessary