

SAFEENERGY

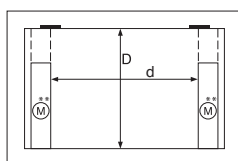
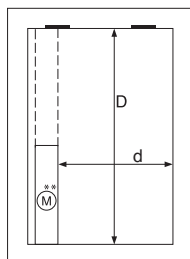


TECHNICAL FILE

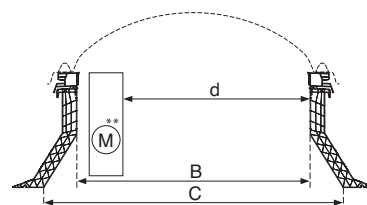
# Skylux<sup>®</sup>

Electric roof access skylight

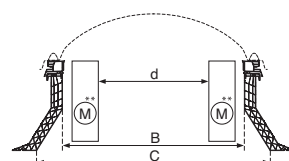
  
**SKYLUX<sup>®</sup>**  
*Hello daylight!*



ENKELE  
MOTOR



DUBBELE  
MOTOR



## General product description

The pre-assembled Skylux® roof access skylight provides access to the roof or the rooftop terrace. The electric roof access skylight is a complete unit consisting of a standard PVC frame with one or two actuators and a Skylux® curb of your choice in PVC 30/20 or 16/20 or in metal M30. A Skylux® dome of your choice must be added (not suitable for glass domes and hybrid domes).

The actuator is mounted sideways in the curb, which allows a maximum roof access opening. Larger skylights are equipped with 2 actuators. The opening angle of the actuator is steplessly regulable to 90°. The skylight is suitable for roof access and for ventilation.

To facilitate the mounting on site, a pre-assembled quick assembly system is foreseen. This is a pre-assembled entity, which consists of a curb and a PVC frame, one or two actuators completely pre-assembled at the manufacturers plant.

## Executions

- The electric roof access is completely pre-assembled and consists of:
- A curb of your choice: a pvc 30/20 or 16/20 curb or a metal M30 curb
  - A standard pvc frame
  - A Skylux® actuator with opening angle 90° (single ▲ or double ▲ ▲)
  - Transformer 230 V - 24 VDC 5 A
  - A remote with holder

## Combined to

A Skylux® skylight of your choice (no flat glass or hybrid skylight). We recommend to combine the electric roof access with a shock resistant polycarbonate skylight with fall-through protection of a heatstop skylight.

**\*\* position of the actuator is standard and is indicated on the drawing.**



## Specific characteristics of the actuator

Pressure .....	24 volt DC
Current .....	maximum 3,6 A
Force .....	2500 N
Opening angle .....	maximum 90°
Course .....	400 mm
Weight mechanism .....	25,1 kg
Safety .....	an electric final course is delivered separately
Density .....	IP 54

## Specific characteristics of the transformer

Entry pressure .....	230 volt AC
Exit pressure .....	24 volt DC
Current (output) .....	Max. 5 A
Sizes box (WxLxH) .....	180 x 110 x 63 mm
Density .....	IP 54

## Specific characteristics of the standard pvc frame

Thermal characteristics .....	$U_e^*$ value 1,50 W/m <sup>2</sup> K
Sizes .....	Thickness 3 mm
Impact resistance .....	> 7 kJ/m <sup>2</sup>
Hinge side .....	In function of the size and determined by the manufacturer

\*  $U_e$  value  $U$  (edge profile) or insulation value of the frame according to EN 1873:2014+A1:2016 and determined with EN 10077-2:2012

## Sizes

### Daylight size

- With 1 actuator (M) ▲ from 70 x 70 cm to 100 x 100 cm (hinges on the short side)
- With 2 actuators (M) ▲▲ from 70 x 150 cm to 100 x 280 cm (hinges on the long side)

### Free roof access

- With 1 actuator (M) ▲ : width - 20 cm (d)
- With 2 actuators (M) ▲▲ : length - 40 cm (d)
- d x D = nett roof access opening

## attestations, certificates and documentation

- see technical files of the separate Skylux® parts

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