

Rooflight with pleated blind and net
for installation in caravans and mobile homes



MPK Metall- und
Plastikverarbeitung GmbH & Co. KG
Friedrich-Ebert-Str. 298-300
D-58566 Kierspe
mpk-kierspe.de

VisionVent M pro LED



Technical data:	
Aperture	400 x 400 mm
Roof thickness	24-56 bzw. 42-70 mm
Corner radius	23 mm
Site dome	560 x 560 mm
Height over roof	96 mm
Ventilation	150 cm ²
Weight	4,0 kg
Size inner frame	565 x 530 x 35 mm
Outer frame material	Polypropylene
Dome material	PC + SAN
Speed limit	130 km/h
Authorization	ECE R43 -019650
<u>LED-light</u>	<u>394 x 9 x 2,5 mm</u>
Light color	~ 3000 K (warmwhite)
Energy efficiency class	F
Nom. useful luminous flux	2 x 390 lm
Voltage	12 -14V DC
Conduction	2 x 4,2 kW/h / 1000h
Nominal lifetime	10.000h
No. of switching cycles	50.000
Warm up time	<1sek.
Nominal beam angle	60°

Included with delivery

- 1x Rooflight with outer frame
- 1x Inner frame with LED, polyswitch fuse, connection cable
- 1x Fixing parts (8x fixing brackets and 4x large plastic screw)

Additionally required for installation (not included in delivery)

- 1x Elastic sealant adhesive, e.g. Dekalin Dekaseal 8936 or SikaLastomer®-710
- 8x Fixing screws for the upper frame - Pan 3,5 mm / head according to DIN ISO 7049 (DIN 7981) / The length of the screw should be determined by the roof thickness, plus approximately 10 mm for the screw to enter the upper frame.

With timber support under the roof lining:

- 4x Fixing screws for the inner frame:
Pan 3,5 mm / head according to DIN ISO 7049 (DIN 7981) / length max. 10 mm

Explanation of symbols



NOTE

Particularly important information.



ATTENTION!

Failure to observe can lead to material damage.

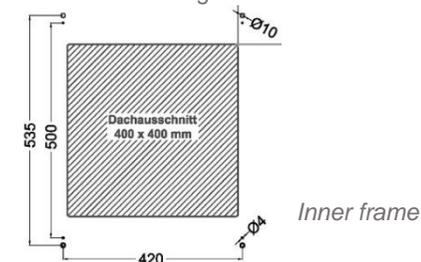


WARNING!

Safety note: Serious risk of injury.

Safety and installation instructions

- Check the roof thickness of your vehicle before mounting.
- **The rooflight should only be fitted to a flat roof surface, both internally and externally.**
- Choose a fitting position that will not interfere with other roof mounted components (e.g. roof-racks/antenna's etc.) and avoid internally installed electrical cables and furniture, which could impede the correct operation of the rooflight.



- Make sure that there is a suitable supply line and switch for the lighting in the vehicle.
- Never stand on the dome of the rooflight!



Do not open the rooflight while driving. The rooflight must be locked down before traveling.

- Do not open the rooflight in strong wind or rain .
- Close the rooflight during rain and snowfall.

EN Installation and Operating Instructions

Please read the instructions carefully before installing the rooflight and store it for future.



We cannot be held responsible for incorrect fitting, handling or operation. Any product faults relating to the production and materials used should be notified to us via an authorised dealer immediately.

Installation

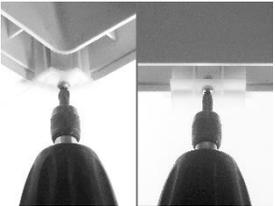


Please clean the frames carefully before mounting the sealant.



! Follow the instructions of the sealant manufacturer.

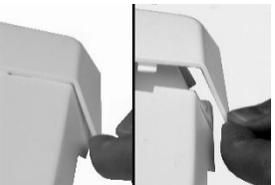
Separate the inner and outer frames and fit the outer frame to the outside of the roof aperture onto a bed of sealant.
The operating handles facing the front and rear of the vehicle!



Place over the screw holes on the inside of the frame, the 8 fixing brackets; four in each corner, four in the centre of each side. Secure with screws, stop as soon as the brackets start to distort.

! Max. Torque 0.5 Nm.

Remove the small tabs on the corner bracket before installing the inner frame.



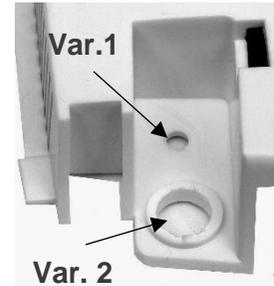
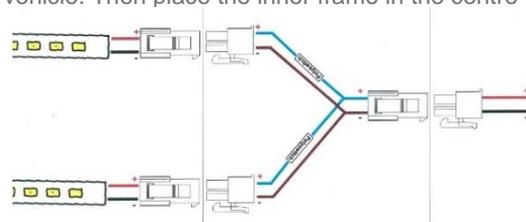
To fit the inner frame, gently pull out the pointed ends of the cover profiles to release them and reveal the fixing points.



! Turn off the power supply in the vehicle before proceeding with the connection of the LED lighting.

Connect the supplied connection cable to the power supply installed in the vehicle.

Connect the Polyswitch cable of the inner frame to the power supply of the vehicle. Then place the inner frame in the centre of the cutout.



Version 1: Timber support under the roof lining

Offer up the inner frame into the outer frame. Use the four small holes to fix the inner frame with standard screws into the timber support.

Version 2: Inner lining made of plywood / polyester layer

Offer up the inner frame into the outer frame and mark drill holes (large screw hole). Pre-drill the screw holes and screw the inner frame tight with the supplied plastic screws.



Fix the connector from the inner frame with the connector from the side panel before inserting the side cover.



Refit the inner frame covers by locating the securing lugs and keeping the covers parallel against the roof whilst sliding them carefully onto the frame, 'clicking' back into position, without distorting.

Operation

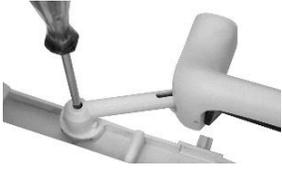
To open the rooflight, press both locking buttons and push the handles upwards. The rooflight can be opened fully by the handles or in four different directions, so that the dome can be angled against driving weather conditions.

To close the rooflight, press the locking buttons again and pull the handles down. The roof hood is locked.



- Keep the pleated blinds open while driving to avoid driving noise and damage from the airstream.
- To avoid heat accumulation do not close blind completely during the day. Open both pleats when not using the vehicle.

Cleaning



For easier cleaning of the dome it can be removed from the frame by releasing the four screws holding the handle arms.

! Never remove the screws holding the dome and the handles together. These are secured by a torque screwdriver and should only be handled by an approved dealer.

Use only clear water and a soft sponge. Solvents may attack the plastic and make it brittle.



Clean the gaps by immersing the hood in a container filled with water. Let the dirt soak a little. Use the two handles to pull the hood through the water so that the dirt can be washed out.

! Make sure that only the original screws are used when replacing the dome and they enter the thread in the plastic correctly. Do not over-tighten.

Clean the pleated blinds with a soft brush, dry cloth or feather duster.

! We strongly advise against wet cleaning, as this can damage the insect screen and blackout pleated blind.

Extras (optional)

Designation	Article No.
Adapter frame for Fiat Ducato	4040ARW

Warranty

The legal warranty applies.



mpk-kierspe.de/Downloads