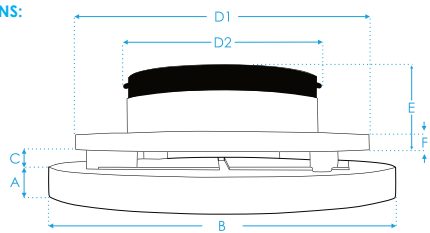
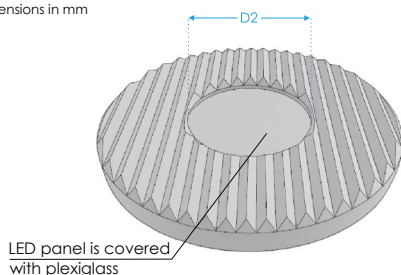


DIMENSIONS:

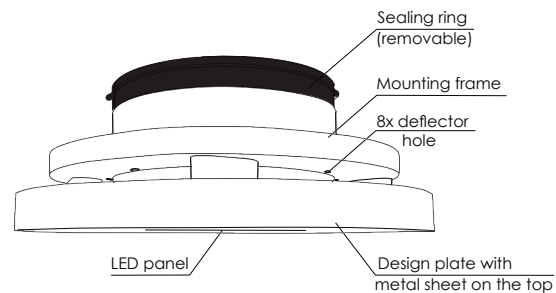


A	B	C	D1	D2	D3	E	F
WOOD	20			80	80	71-81	
PLEXIGLASS	11	200	13	172	90	100	43.6
					125	118-128	9

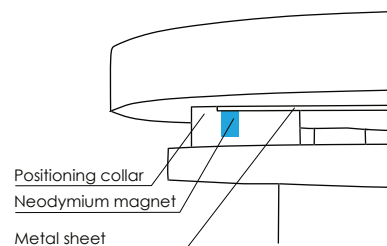
*all dimensions in mm



FEATURES:



Detail of attaching the plate to the mounting frame



Purpose of the Product: LUFTOMET® Lumen is an end element of ventilation systems with integrated LED panel. It is used for the supply of fresh air or exhaust of polluted indoor air in ventilation systems with heat recovery. The product is designed for a basic indoor, clean environment without chemicals. It is designed for use in family homes, apartments, and small establishments.



Singlepack Includes: mounting frame, design plate Lumen with LED panel, 4x screw for anchoring (countersunk head 3.5x30), 4x hammering dowels DuoPower (suitable for plasterboard and other materials)

Material and Safety Instructions:

Mounting frame Lumen: is made of ABS and PETG.

The sealing rubber is made of EPDM.

The frame contains 4 neodymium magnets. The safety data sheet for magnets can be found at www.luftuj.eu/download/.

Regularly check the strength of the magnets. If you have any doubts about the functionality of the attachment, disassemble the plate and send the mounting frame to distributor for inspection.

Design plate Lumen:

The product is designed for a basic indoor, clean environment without chemicals. There must be no other large source of magnetism in the area. The recommended ambient temperature is in the range of 10 - 40° C, relative humidity 20 - 80%, supply air temperature 10° C to +40° C.

Store at a temperature of 10 - 40° C, relative humidity 20 - 80% without direct sunlight. In the case of storage in non-original boxes, it is necessary to line the individual plates, preferably with cork. Otherwise there is a risk of scratches.

Use textile gloves when handling the plate!

SP-LL-P-XX-XX PLASTIC: Protect from scratches. Small holes in the paint on the non-view side of the plate are normal and cannot be claimed.

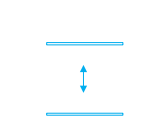
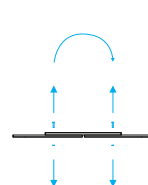
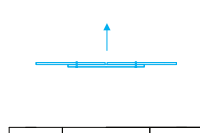
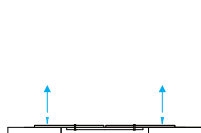
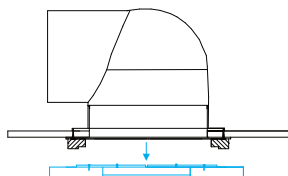
SP-LL-W-XX-XX WOOD: Each piece is original and differs in drawing, shape, cracks and annealing so it may not completely match the depicted pattern. The wood is carefully dried. The appearance of additional cracks and changes in the drawing depends on the environment. Sunlight can cause a change in hue. If used in a humid environment, use a suitable non-defective coating and restore it according to the manufacturer's instructions.

Maintenance and Cleaning: Use textile gloves when handling the plate. Clean the design plate with a slightly damp, chemical-free cloth. Wipe the plastic plate with an antistatic cloth.

LED PANEL REPLACEMENT INSTRUCTIONS:

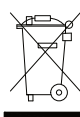
- 1) Take off the design panel from mounting frame. Mounting frame remains on the ceiling.
- 2) Remove the 6 screws using a cross-head screwdriver.
- 3) Lift the metal plates with the LED panel and place them so that the LED panel is on top.
- 4) Remove the LED panel from the metal plates using a side spanner and a cross-head screwdriver.
- 5) Replace it with a new LED panel, ensuring that the indicated line on the LED panel is visible between the plates.

Next, continue in the reverse order. Make sure the metal plates are well seated in the design plate.



Disposal and Recycling

The LED panel must not be disposed of with municipal waste. To properly dispose of the product, please take it to designated collection points where it will be accepted free of charge. Proper disposal of this product helps preserve valuable natural resources and prevents potential negative impacts on the environment and human health that could result from improper waste disposal. For more information, please contact your local authority or nearest collection point.



The warranty period for the product is 2 years from the date of sale

VIDEO TUTORIAL SPIRO:



VIDEO TUTORIAL BOX:



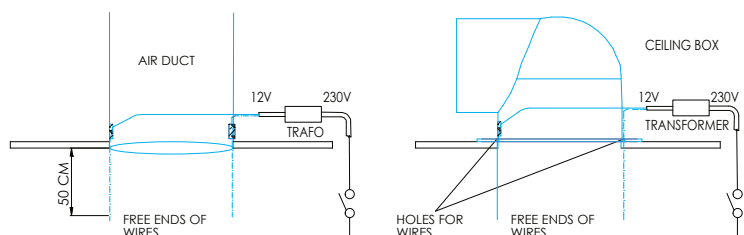


Assembly Instructions:

1

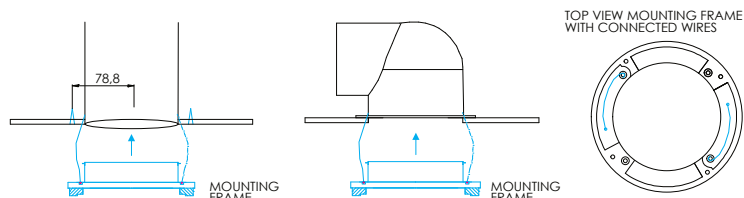
LUFTOMET® Lumen can be installed in air duct or ceiling plenum box (size 80/100/125). Terminate the duct at the ceiling level. Carefully cut the hole for the duct to the size of the duct/plenum box. If necessary, prepare dowels (anchor axis 78.8mm from the center of the hole). Prepare two 12V wires (double lines) above the ceiling board with their free ends passing through the hole along the duct/box. Prepare holes for the wires in the outer flange/rim of the box. The wires are connected through a transformer to the house lighting system - provided by the electrical supplier. Before doing any action with the electrical cables, make sure they are not connected to power.

* Duct/plenum box, transformer, wiring and adhesive tape are not included.



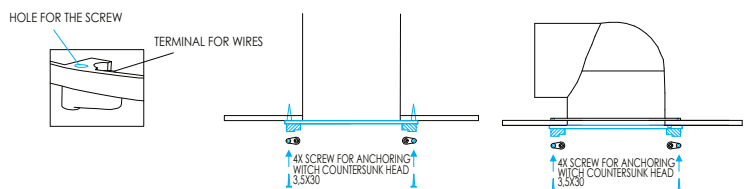
2

If applicable, install dowels. Connect both wires to the terminals on the top of the mounting frame, orientation does not matter. Slowly lift the mounting frame while at the same time inserting the free wires into the ceiling. Hide the remaining wires in the holes on the mounting frame. Insert the mounting frame into the prepared duct/ box. Sufficient air tightness is guaranteed by sealing rubber.



3

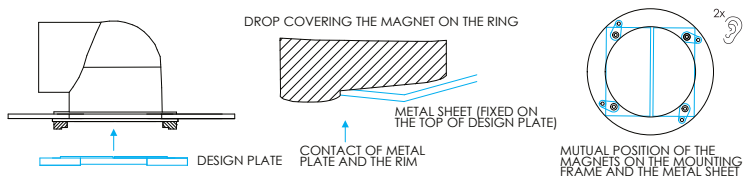
Use four screws to fix the mounting frame to the ceiling or flange of the plenum box.



4

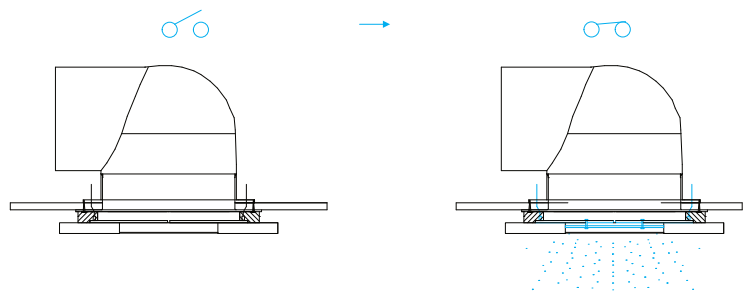
The design plate is attached to the viewing part of the ring so that the metal sheet on the top of the plate is pressed against all four neodymium magnets. Correct fitting can be checked by rotating the plate. The correct position of the design plate is confirmed:

- 1) By hearing a double click
- 2) By visual inspection - on the ring there are four plastic drops, that cover magnets and the hole for anchor screws. Around each hole is a raised rim. This raised part have to be outside the metal plate. All four magnets must touch the metal plate!



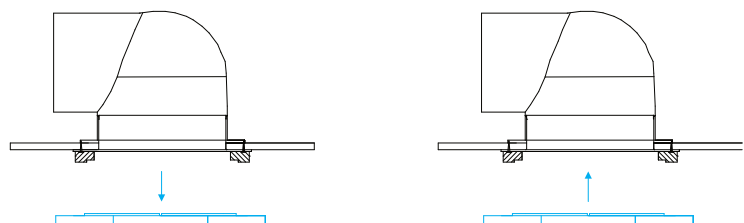
5

Connect to mains and turn on (switch). At this moment the current is directed through the terminals and screws to the magnets and through them to the led panel. LUFTOMET® Lumen will light up. An electrician can install other equipment such as a dimmer.



6

When servicing the duct system, cleaning or replacing the design plate, handle the design part only.



7

If you need to regulate or direct the air flow, insert a deflector/ deflectors (not included) between the design plate and the ring.

* The deflector is not part of the package, you can order it as an accessory

