

COX DOME



Stylish ventilation window

This aesthetically designed ventilation window is suitable for use in utility buildings, such as shopping centres, atria and public buildings. Thanks to its stylish framework, minimal depth and hidden control, the Luma is ideal for use in aesthetically designed glass constructions. In its closed position the operating system is totally concealed from view. The Luma is suitable for both day to day ventilation and fire ventilation applications.

Your partner in Smoke and Heat Ventilation



Luma

Versions

The Luma is a hinged ventilation window that can be built in at any angle from 10° to completely vertical. The opening angle of the window in relation to the base structure is variable to an angle of 90°.

Thanks to the build in angle and opening angle the Luma is suitable for day to day ventilation and smoke and heat ventilation. The Luma construction is via fully thermally broken aluminium profiles thereby ensuring a high value of insulation is achieved.

Attention to detail ensures the Luma satisfies the stringent requirements of aesthetically demanding buildings. In his standard design the Luma will be supplied in a powder coated finish.

Options

In its standard design the Luma is provided in a powder coated finish. The Luma can be powder coated to any RAL-colour. The Luma can also be provided in non-coated versions or it can be supplied in an anodised finish. The following frame options are available within the Luma range: single laminated glass, insulated glass, double- and triple walled polycarbonate, single and double walled aluminium.

Design

Rectangular forms are available with the following limitations:

- a frame height from 600 mm to 2000 mm
- a frame width from 600 mm. to 2500 mm
- a maximum surface area of 3,5 m²
- Glass thickness can vary 6-40 mm
- Build in angle 10°-90°
- Opening angle of max. 90°

The weight of the Luma depends on the dimensions and the panel insulation. The maximum weight of the panel insulation is 45 kg/m².

Operation

In its closed position the operating system is hidden inside the Luma frame profile. Cylinders, gas springs, and electro-motors will not be in view when the window is in its closed position.

The Luma can be fitted with a compressed air operation, an electric 24V operation or an electric 230V operation. Both the pneumatic and electric operating systems can be configured in a Fail-Safe

Details

The flange dimension of the Luma has a minimum thickness of 24 mm and a maximum thickness of 40 mm.

