## LUMIRIDGE NATURAL VENTILATION

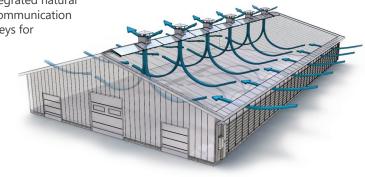
## **ABUNDANT NATURAL LIGHTING!**

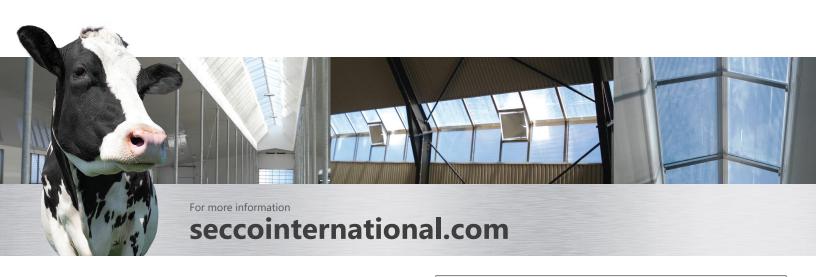
The LUMIRIDGE system allows maximum brightness into the building due to the insulated and translucent LUMIWALL panels. These panels have a 5 layer structure and an R3.6 (U1.6) insulation factor. This unique and high-performance system can be installed with or without Secco chimneys and ensure excellent natural ventilation in the building. The Secco chimneys have insulated intermittent dampers to ensure better control. The polycarbonate panels and the very rigid aluminum structure provide the Lumiridge system with a snow load capacity of up to 2.8kN/ m² (57psf).



## FINALLY, THE PERFECT SOLUTION FOR OPTIMAL NATURAL VENTILATION!

To get optimal breeding conditions, it is primordial to have a complete and integrated natural ventilation system to ensure maximum calibration in all conditions. Constant communication must be allowed between sidewall openings and centralized evacuating chimneys for appropriate air exchange and movement. For effective natural ventilation, you need to have an insulated roof gable to preserve higher temperatures, this will enable the needed convection effect to evacuate excessive humidity. The combination system of Secco LUMIRIDGE and insulated damper chimneys in intermittent and automatic mode, are specially designed to keep desired conditions while getting optimal evacuation of humid and stale air.







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