



Specifications

SHEV application   

Brakel® Luma

Manufacturer	: Brakel (www.brakel.com)
Type	: Brakel® Luma
Description	: opening light, controls and hinges are completely concealed within the construction, suitable for ventilation purposes
Operation	: -24Vdc supply (M24) / - 24Vdc supply + emergency supply batteries (M24FS) / - 24Vdc supply + fire switch (MB24) / - 24Vdc supply + emergency supply batteries + fire switch (MB24FS)
Frame	: thermally separated
Glazing	: to match glass roof construction / glass wall construction / single laminated glass (type **) / insulated glass (type **) / sandwich panel (type **); total glazing thickness 4-40mm
Flange sizes (w x l)	: *** x *** mm (identical)
Opening angle	: *** °
Hinge side	: bottom
Aerodynamic flow	: *** m ²
Installation	: insulation angle 10-90° in glass roof construction
Protection	: to match glass roof construction / enamel finish with *** layer powder coating, layer thickness *** µ, in standard RAL-b colour (group ***)
Air-tightness	: EN 1026: 600 Pa / EN 12207: class 4
Air leakage	: < 0.1 m ³ /hr/m ² at 50 Pa
Water tightness	: EN 1027: 600 Pa / EN 12208: class 9a
Resistance to varying load	: EN 12211: 600 Pa (=P2), strength 1800 Pa, EN 12210: class 3
Extra	: trapezium / triangular design possible
Test	: EN 12101-2
Important	: to satisfy guarantee conditions opening light must be closed automatically during rain and high winds (> 14 m/s), except in the event of fire, when the opening light will be required for the extraction of the resulting smoke and heat. Installation of a rain sensor and wind speed meter is therefore essential



Specifications

Ventilation application

Brakel® Luma

Manufacturer	: Brakel (www.brakel.com)
Type	: Brakel® Luma
Description	: opening light, controls and hinges are completely concealed within the construction, suitable for ventilation purposes
Operation	: 24Vdc supply (M24)
Frame	: thermally separated
Glazing	: to match glass roof construction / glass wall construction / single laminated glass (type **) / insulated glass (type **) / sandwich panel (type **) total glazing thickness 4-40mm
Flange sizes (w x l)	: *** x *** mm (identical)
Opening angle	: *** °
Hinge side	: top / bottom / side
Aerodynamic flow	: *** m ²
Installation	: insulation angle 10-90° in glass roof construction
Protection	: to match glass roof construction / enamel finish with *** layer powder coating, layer thickness *** µ, in standard RAL colour (group ***)
Air-tightness	: EN 1026: 600 Pa / EN 12207: class 4
Air leakage	: < 0.1 m ³ /hr/m ² at 50 Pa
Water tightness	: EN 1027: 600 Pa / EN 12208: class 9a
Resistance to varying load	: EN 12211: 600 Pa (=P2), strength 1800 Pa, EN 12210: class 3
Extra Important	: trapezium / triangular design possible : to satisfy guarantee conditions opening light must be closed automatically during rain and high winds (> 14 m/s). Installation of a rain sensor and wind speed meter is therefore essential