



Specifications

SHEV application   

Brakel® Lumera

Manufacturer	: Brakel (www.brakel.com)
Type	: Brakel® Lumera
Description	: opening light, controls completely concealed within the construction when closed, suitable for ventilation purposes
Operation	: 24Vdc supply (M24)
Frame	: thermally separated
Glazing	: silicone structural -insulated glass (thickness 28 to 37 mm) type **
Flange sizes (w x l)	: *** x *** mm (identical)
Opening angle	: *** °
Hinge side	: bottom
Aerodynamic flow	: *** m ²
Installation	: installation in glass roof construction
Protection	: to match glass roof construction enamel finish with *** polyester layer, layer thickness *** µ, in standard RAL colour (group ***)
Air-tightness	: EN1026: 650 Pa, / EN 12207: class 4
Air leakage	: < 0.1 m ³ /hr/m ² at 50 Pa
Water tightness	: EN1027: 650 Pa / EN 12208: class 4
Resistance to varying Load	: EN 12211: 1500 Pa (=P2), strength 3000 Pa, EN 12210: class E3000
Test	: EN 12101-2
Extra	: trapezium / triangular design possible
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® Lumera

Manufacturer	: Brakel (www.brakel.com)
Type	: Brakel® Lumera
Description	: opening light, controls completely concealed within the construction when closed, suitable for ventilation purposes
Operation	: 24Vdc supply (M24)
Frame	: thermally separated
Glazing	: silicone structural -insulated glass (thickness 28 to 37 mm) type **
Flange sizes (w x l)	: *** x *** mm (identical)
Opening angle	: *** °
Hinge side	: bottom / side
Aerodynamic flow	: *** m ²
Installation	: installation in glass roof construction
Protection	: to match glass roof construction enamel finish with *** polyester layer, layer thickness *** µ, in standard RAL colour (group ***)
Air-tightness	: EN1026: 650 Pa, / EN 12207: class 4
Air leakage	: < 0.1 m ³ /hr/m ² at 50 Pa
Water tightness	: EN1027: 650 Pa / EN 12208: class 4
Resistance to varying Load	: EN 12211: 1500 Pa (=P2), strength 3000 Pa, EN 12210: class E3000
Extra	: trapezium / triangular design possible
Important	: 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.