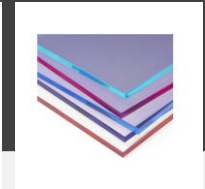
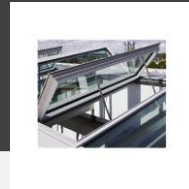


COXDOME Brakel[®] Lumera

SHEV application   

Manufacturer	Brakel (www.brakel.com)
Type	Williaam Cox opening light, 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	*** m2
Installation	installation in glass roof construction
Protection	to match glass roof construction enamel finish with *** polyester layer, layer thickness *** mu, in standard RAL colour (group ***)
Air-tightness	EN1026: 650 Pa, / EN 12207: class 4
Air leakage	< 0.1 m3/hr/m2 at 50 Pa
Water tightness	EN1027: 650 Pa / EN 12208: class 4
Resistance to varying wind 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





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SHEV application

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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
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