Declaration of performance (UK)
Leistungserklärung (DE
Prestatieverklaring (NL)
Dèclaration des performances (FR)

VELUX® Commercial

No. H10.1-VCv06i25	
The manufacturer: / Hersteller: / Fabrikant:/ Fabricant:	VELUX A/S, Ådalsvej 99, 2970 Hørsholm, Denmark
Product type(s) / Produkttyp(en) / Producttype(s) / Type(s) de produits	Rooflight with or without upstand and/or ventilation frame Type: Light dome of PMMA and/or PC in single or multi-layer
Intended uses: / Verwendungszweck(e): / Beoogd(e) gebruik(en): / Usage(s) prévu(s):	Light transmission for use in flat and inclined roofs of buildings
Systems of assessment and verification of constancy of performance (AVCP): System(e) zur Bewertung und Überprüfung der Leistungsbeständigkeit: Het systeem of de systemen voor de beoordeling en verificatie van de prestatiebestendigheid: Système(s) d'évaluation et de vérification de la constance des performances:	System 3
Harmonised standard: / Harmonisierte Norm: / Geharmoniseerde norm: /Norme harmonisée:	EN 1873:2005

The performance of the product identified above is in conformity with the set of declared performance/s.
Die Leistung des vorstehenden Produkts entspricht der erklärten Leistung/den erklärten Leistungen.
De prestaties van het hierboven omschreven product zijn conform de aangegeven prestaties.
Les performances du produit identifié ci-dessus sont conformes aux performances déclarées.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.
Für die Erstellung der Leistungserklärung im Einklang mit der Verordnung (EU) Nr. 305/2011 ist allein der obengenannte Hersteller verantwortlich.
Deze prestatieverklaring wordt in overeenstemming met Verordening (EU) nr. 305/2011 onder de exclusieve verantwoordelijkheid van de hierboven vermelde fabrikant verstrekt.
Conformément au règlement (UE) no 305/2011, la présente déclaration des performances est établie sous la seule responsabilité du fabricant mentionné ci-dessus.

Essential characteristics	PMMA										PC		PC + PMMA or PC only							
	1L		2L		3L		4L		5L		1L		2L		3L		4L		5L	
Resistance to upward load [1] Fixed rectangular / Vented and round	UL1500/NPD		UL1500/NPD		UL1500/NPD		UL1500/NPD		UL1500/NPD		UL1500/NPD		UL1500/NPD		UL1500/NPD		UL1500/NPD		UL1500/NPD	
Resistance to downward load [1]	DL 750		DL 750		DL 750		DL 750		DL 750		NPD		NPD		NPD		NPD		NPD	
Reaction to fire, PVC upstand	D		D		D		D		D		D		D		D		D		D	
Reaction to fire, GRP upstand	NPD		NPD		NPD		NPD		NPD		NPD		NPD		NPD		NPD		NPD	
Reaction to fire, EPS in PVC	NPD		NPD		NPD		NPD		NPD		NPD		NPD		NPD		NPD		NPD	
Reaction to fire, top unit with PMMA [1]	E		E		E		E		E				E		E		E		E	
Reaction to fire all-layers PC top unit [1]											B-s2,d0		B-s2,d0		B-s2,d0		B-s2,d0		B-s2,d0	
External fire performance	NPD		NPD		NPD		NPD		NPD		NPD		NPD		NPD		NPD		NPD	
Water tightness	Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass	
Small, hard body [1]	Fail		Fail		Fail		Fail		Fail		Pass		Pass		Pass		Pass		Pass	
Large, soft body	NPD		NPD		NPD		NPD		NPD		SB 300		SB 300		SB 300		SB 300		SB 300	
Large soft body - for minimum 2 layers of PC													SB 1200		SB 1200		SB 1200		SB 1200	
Direct airborne sound insulation	12dB		20dB		22dB		22dB		22dB		12dB		20dB		22dB		22dB		22dB	
Thermal transmittance [2]	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A
Without upstand, fixed [2]	6,4	1,6	3,1	1,6	2,0	1,6	1,5	1,6	1,2	1,6	6,5	1,6	3,1	1,6	2,0	1,6	1,5	1,6	1,2	1,6
SF15 PVC upstand, fixed [2]	4,8	2,0	3,1	2,0	2,2	2,0	1,9	2,0	1,7	2,0	4,8	2,0	3,1	2,0	2,2	2,0	1,9	2,0	1,7	2,0
RO16 PVC upstand, fixed [2]	4,7	2,4	2,4	2,4	1,6	2,4	1,3	2,4	1,1	2,4	4,7	2,4	2,4	2,4	1,6	2,4	1,3	2,4	1,1	2,4
BF30 PVC upstand, fixed [2]	3,5	2,7	2,0	2,7	1,5	2,7	1,3	2,7	1,2	2,7	3,5	2,7	2,0	2,7	1,5	2,7	1,3	2,7	1,2	2,7
SF15 PVC upstand, venting [2]	4,5	2,3	2,7	2,3	2,2	2,3	1,9	2,3	1,7	2,3	4,5	2,3	2,7	2,3	2,2	2,3	1,9	2,3	1,7	2,3
RO16 PVC upstand, venting [2]	4,4	2,7	2,3	2,7	1,7	2,7	1,4	2,7	1,1	2,7	4,4	2,7	2,3	2,7	1,7	2,7	1,4	2,7	1,1	2,7
BF30 PVC upstand, venting [2]	3,4	2,9	2,0	2,9	1,6	2,9	1,4	2,9	1,2	2,9	3,4	2,9	2,0	2,9	1,6	2,9	1,4	2,9	1,2	2,9
GRP upstand	NPD		NPD		NPD		NPD		NPD		NPD		NPD		NPD		NPD		NPD	
Luminous transmittance, Clear layer(s) [3]	92%		86%		81%		75%		NPD				82%		77%		72%		68%	
Luminous transmittance, all layers of PC [3]											88%		78%		70%		62%		NPD	
Luminous transmittance, with SCC layer [3]											81%		75%		70%		66%		NPD	
Luminous transmittance, Opal layer added [3]	86%		80%		75%		71%		NPD				77%		72%		68%		64%	
Luminous transmittance, Opal, all-layers PC [3]											59%		52%		46%		46%		NPD	
Air permeability, without / with upstand	Pass / NPD		Pass / NPD		Pass / NPD		Pass / NPD		Pass / NPD		Pass / NPD		Pass / NPD		Pass / NPD		Pass / NPD		Pass / NPD	
Durability, Clear layers	NPD		NPD		NPD		NPD		NPD		ΔA, Cu1, Ku1		NPD		NPD		NPD		NPD	
Durability, Opal or SCC layer added	NPD		NPD		NPD		NPD		NPD		ΔD, Cu1, Ku1		NPD		NPD		NPD		NPD	

1) Valid for sizes with up to W ≤ 1800 mm, for W> 1800 mm: NPD
2) Values are valid for 120 cm x 120 cm size and for domes. Values for U are in W/m²K, values for A are in m², and are calculated by method from EN1873:2014+A1:2016.
3) Valid for 120 cm x 120 cm size and for domes.

Ådalsvej 99, Hørsholm, May 2025

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