

SKYLUX iDome Ventana para cubierta plana

MAYDISA

SKYLUX
hello daylight!

DECLARATION OF PERFORMANCE

No. 034DoP2016-12

1. Unique identification code of the product-type:

Individual roof light of plastic and safety glass

2 Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Skylux iDome™

Single and multi-walled daylight with upstand combined with glass

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

For lighting by means of daylight and for ventilating interiors by means of opening devices.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer:

Skylux NV,
Spinnerijstraat 100,
B-8530 Stasegem, Belgium
Tel. +3256200000
Fax: +3256219599
Email: info@skylux.be

5. Where applicable, name and contact address of the authorized representative.

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

AVCP System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

EN 1873:2014+A1:2016

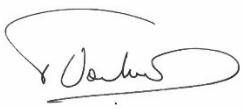
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable

9. Declared performance Skylux iDome™:

Essential characteristics	Performance	Harmonized technical specification
Upward load	**UL 3000**	**EN 1873:2014+A1:2016**
Downward load	**DL 2400**	
Reaction to fire PC **Reaction to fire PMMA** **Reaction to fire PVC frame** **Reaction to fire aluminum** **Reaction to fire glass**	**B-s_1,d_0** **E** **E** **A1** **A1**	
External reaction to fire	**NPD**	
Water tightness	**Pass at 0° / Pass at 25°**	
Impact resistance **Large soft body:** Skylux iDome™ + SW PC/PMMA dome **Small hard body:** Every combination	 **SB 1200** **Pass**	
Thermal resistance*: $U_{rc,ref200}$ Skylux iDome™ + SW dome $U_{rc,ref200}$ Skylux iDome™ + DW dome $U_{rc,ref200}$ Skylux iDome™ + 3W dome $U_{rc,ref200}$ Skylux iDome™ + 4W dome $U_{rc,ref200}$ Skylux iDome™ + 5W dome $U_{rc,ref200}$ Skylux iDome™ + EP10 dome $A_{rc,ref200}$	 **0,92 W/m²K** **0,85 W/m²K** **0,79 W/m²K** **0,75 W/m²K** **0,72 W/m²K** **0,75 W/m²K** **3,04 m²**	
Sound insulation Rw: Skylux iDome™ glass Skylux iDome™ + dome	 **37 (-2, -6) dB** **38 - 40 dB**	
Properties radiation*: τD65 / g-value PC clear τD65 / g-value PMMA clear τD65 / g-value glass	 **88 % / 0,83** **90 % / 0,87** **79 % / 0,57**	
Air permeability	**Ap 1**	
Durability **PC** **PMMA**	 **ΔA CU 2 Ku 1** **ΔA CU 1 Ku 1**	
Dangerous substances	**No dangerous substances above the acceptable limits**	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
Signed for and on behalf of the manufacturer by:



Tom Vandamme
Technical Manager
Stasegem, August 2021

*The values represented are for the daylight dimension of 120x120 cm. For a specific calculation of thermal resistance or the radiation properties, you can find the Skylux® calculation program on http://www.skylux.be.

The DoP¨according to EN1873:2005 is available on request.