

2. Range designation : Skydôme - Skyclair

4. Name and company name of the manufacturer :

SKYDOME SAS - Entre deux villes - 02270 Sons et Ronchères - France - Head office & production

3. Product description

- Fixed zenithal lighting fixture
- Metal skirt ht310mm mini
- Metal headpiece (top) ht170 mini
- Bias metal upstand ht310 mini
- Size range (high hopper) :
 - Length 0.5m to 3m; width 0.5m to 2m

3.1 Possible option :

- Fixed grid 1200 joules, Ø6 wire or 16x16 tube

3.2 Intended use : ROOF

3.3 Conditions of use and implementation related to certified performance

- Maximum allowed inclination of the unit in the roof :
 - Av<2m²: 25° or 46.65%.
 - Av≥2m²: 20° or 36.45

6. Systems for assessment and verification of constancy of performance of the construction product

System 3 according to Annex ZA of the European Standard En 1873

List of laboratories :

CSTC : NB 1136

CSTB : NB 0679

LNE : NB 0071

KPF : NB 1703

9. Declared performance :

Criteria	Performance	Normative references
Resistance to upward loads	UL1500 Polycarbonate honeycomb (3600 if width >2600) UL1000 Double dome (1500 AV ≤ 2,8m ²)	EN 1873, § 5.4.1
Resistance to downward loads	DL3000 Polycarbonate honeycomb DL1500 Double Domes	EN 1873, § 5.4.2
Reaction to fire	PCA: according to filling, consult us Steel: M0 Aluminium: M0	EN 1873, § 5.5
Exterior fire performance	F roof	EN 1873, § 5.7
Fire resistance :	PND	EN 1873 § 5.6
Watertightness	Success	EN 1873, § 5.3
Impact resistance : Small hard body : 1200J (Grid)	Success 1200j	EN 1873, § 5.4.3.1 EN 1873, § 5.4.3.2
Thermal Conductance: Urc	According to filling, please consult us	EN 1873, § 5.9.2.1
Thermal Conductance: plate	According to filling, please consult us	EN 1873, § 5.9.2.2

Direct airborne noise insulation (plate)	According to filling, please consult us	EN 1873, §5.10
Light transmission factor plate	According to filling, please consult us	EN 1873, §5.1
Air permeability	PND	EN 1873, §5.8
Sustainability	PCA 10 : ΔA , Cu 0, Ku 0 - / - PCA 16 : ΔD , Cu 0, Ku 0	EN 1873, § 5.2

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance given in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for the manufacturer and on its behalf by Thierry Badet, General Manager, at Sons et Ronchères.

Updated on 26/07/2022