SOLARLITE SKY BLUE

Stunning brilliance

The Solarlite family of reflective coated glass was introduced in 2010 to the Egyptian Market to enhance the appearance of thousands of buildings and to the comfort of millions of inhabitants.

Solarlite glass can be glazed with the reflective coating positioned on either the first or second surface. The glass has improved performance and higher exterior visible reflectivity with a metallic sheen when installed with the coating on the first surface. Combine in a 1-inch insulating glass unit with clear glass, Solarlite glass offers an expansive palette of appearance and performance options with solar heat gain coefficients (SHGCs) ranging from 0.34 to 0.14 and exterior reflectance of up to 37 percent.

When installed with the coating on the second surface, the glass has lower exterior visible reflectivity and maintains the substrate glass color. Combine Solarlite glass Trulite and Isolite Glass, such as Euro Grey, Euro Bronze, Sky Blue, Coal Grey, to produce an even greater range of aesthetic options.
For detailed performance of thermal and mechanical properties, please review the Reflective Glass product data sheet.

Solarlite Sky Blue: Performance Data For Monolithic Glass

Glass Configuration	UV	Visible Light			Solar Energy						U-Value W/M2K
Solarlite Sky blue	Transmit-tance %	Transmit-tance %	Reflectance, Ext. %	Reflectance, Int. %	Transmit-tance %	Reflec-tance %	Absorp-tion %	Solar Factor EN410	SHGC	SC	EN 673
6 MM	8	23	16	35	26	17	57	0.36	0.37	0.42	5.7

- Performance data is based on representative samples of factory production. Actual values may vary slightly due to variations in the production process.
- Tabulated data is based on NRFC methodology using the LBL windows 5.2 software and where noted European methodology using WinDat WIS version 3.0.1 software.
- SF = Solar Factor (EN410) also known as g-value

Solarlite Sky Blue:
(Performance Data For IG Units 6mm/16mm Air Space/6mm)

	VLT	Visible Light Reflectance		SC	Solar Factor (G) En 410	U-value Imperial		U-value En 673 W/m²*k
		Ext.	Int.			Winter	Summer	
Trulite Clear	21%	16%	38%	0.29	0. 25	2.80	2.70	2.70
SG 500 - Hard coat Low E#3	18%	16%	36%	0.26	0. 23	1.90	1.80	1.80
Single silver low-E#3	16%	17%	32%	0.25	0.22	1.80	1.60	1.60

Data considers 16mm airspace and based on NFRC & EN 673. Other glass thickness is available. See literature or visit www.sphinxglass.com for additional values.