

Solatube Daylighting System Thermal Performance Characteristics

Product	Diffuser Type	U-Value ¹ W/(m ² K)	R-Value (m ² K/W)	SHGC ²	NFRC Certification #
Solatube 160 DS (10 in/250 mm) and 290 DS (14 in/350 mm)	Vusion™	3.46	0.29	0.27	Cert. # 3762
Solatube 160 DS (10 in/250 mm) and 290 DS (14 in/350 mm)	Vusion™	3.46	0.29	0.23	Cert. # 3762
Solatube 160 DS (10 in/250 mm) and 290 DS (14 in/350 mm)	OptiView®	3.46	0.29	0.27	Cert. # 3762
Solatube 160 DS (10 in/250 mm) and 290 DS (14 in/350 mm)	JustFrost™	3.41	0.29	0.27	Cert. # 3762
Solatube 160 DSe (10 in/250 mm) and 290 DSe (14 in/350 mm)	Vusion™	2.61	0.38	0.20	Cert. # 6030
Solatube Smart LED	JustFrost™	2.95	0.34	0.16	Cert. # 9020
Solatube 330 DS-C (21 in/530 mm) Suspended Ceiling	Prismatic	2.90	0.35	0.34	Cert.# 5006
Solatube 330 DS-C (21 in/530 mm) Suspended Ceiling	OptiView®	2.90	0.35	0.32	Cert.# 5006
Solatube 750 DS-C (21 in/530 mm) Suspended Ceiling	Prismatic	2.90	0.35	0.23	Cert.# 5006
Solatube 750 DS-C (21 in/530 mm) Suspended Ceiling	OptiView®	2.90	0.35	0.22	Cert.# 5006
Solatube 750 DS-C (21 in/530 mm) Suspended Ceiling (with Inner Dome)	Prismatic©	2.90	0.35	0.21	Cert.# 5006
Solatube 750 DS-C (21 in/530 mm) Suspended Ceiling (with Inner Dome)	OptiView®	2.90	0.35	0.19	Cert.# 5006
Solatube 750 DS-O (21 in/530 mm) Open Ceiling (with Inner Dome)	Prismatic	7.16	0.14	0.23	N/A
Solatube 750 DS-O (21 in/530 mm) Open Ceiling (with Inner Dome)	OptiView®	7.16	0.14	0.22	N/A
Solatube M74 DS-O (29 in/740 mm) Open Ceiling	Prismatic	7.89	0.13	0.29	Cert.# 5006
Solatube M74 DS-O (29 in/740 mm) Open Ceiling (with Inner Dome)	Prismatic	6.02	0.17	0.28	Cert.# 5006

1. U-Value measures how well a product prevents heat from escaping a home or building. It measures the rate of heat transfer through a building element over a given area, under standardised conditions. The lower the U-Value, the better a product is at keeping heat in.
2. Solar Heat Gain Coefficient (SHGC) measures how well a product blocks heat from the sun. SHGC is expressed as a number between 0 and 1. The lower the SHGC, the better a product is at blocking unwanted heat gain