SOLARLITE® COAL GREY

Solarlite® Coal Grey: Performance Data for Monolithic Glass

Glass Configuration	UV	Visible Light			Solar Energy						U-Value W/ m2*k
Solarlite Coal Grey	%	%	%	%	%	%	%	%	%	%	
(MM)	Transmit-tance	Transmit-tance	Reflec-tance Outdoors.	Reflec-tance Indoors	Transmit-tance	Reflec-tance	Absorption	Solar Factor (SF) EN410	SHGC	SC	EN 673
6	2	5	5	36	16	39	33	0.32	0.33	0.36	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® Coal Grey: Performance Data for IG Unit Glass (6mm/16mm air space/6mm)

Solarlite® Coal Grey +	Visible light Reflectance			Solar Energy				U-Value Imperial		U-Value EN 673 W/m²*K
	Transmit-tance	Ext.	Int.	Transmit-tance %	Reflec-tance %	SC	Solar Fac-tor (SF) EN410	Winter	Summer	EN 673 Air
Trulite Clear	5	5	33	13	36	0.26	0.23	2.80	2.70	2.70
SG 500 -Hard coat Low E#3	4	5	30	12	30	0.24	0.21	1.90	1.80	1.80
Single Silver Low E#3	4	5	28	10	27	0.17	0.15	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

SOLARLITE® SKY BLUE®

Solarlite® Sky Blue®: Performance Data for Monolithic Glass

Glass Configuration	UV	Visible Light			Solar Energy						U Value W/M2K
Solarlite Sky Blue	%	%	%	%	%	%	%	%	%	%	
(MM)	Transmit-tance	Transmit-tance	Reflec-tance Outdoors	Reflec-tance Indoors	Transmit-tance	Reflec-tance	Absorp-tion	Solar Factor EN410	SHGC	SC	
6	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 Unit Glass (6mm/16mm air space/6mm)

Solarlite® Sky Blue® +	Visible light Transmission VLT	Visible light Reflectance		SC	Solar Factor(g) EN 410	U-Value Imperial		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

SOLARLITE®
COATED GLASS

STUNNING BRILLIANCE

www.sphinxglass.com

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S-2392-C-01-21

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SPHINX® GLASS

SOLARLITE®

COATED GLASS

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. Combined in IG insulating glass unit with clear glass, Solarlite® glass offers an expansive palette of appearance and performance options.

When installed with the coating on the second surface, the glass has lower exterior visible reflectivity and maintains the substrate glass color. Available in different ranges of colors Clear, Euro Bronze, Dark Bronze, Euro Grey, Coal Grey and Sky Blue®

For detailed performance of thermal and mechanical properties, please review the Reflective Glass product data sheet.

Solarlite® Clear

Solarlite® Euro Bronze

Solarlite® Dark Bronze

Solarlite® Euro Grey

Solarlite® Coal Grey

Solarlite® Sky Blue®

SOLARLITE® CLEAR

Solarlite® Clear: Performance Data for Monolithic Glass

Glass Configuration	UV	Visible Light			Solar Energy						U Value W/M2K
Solarlite Clear	%	%	%	%	%	%	%	%	%	%	
(MM)	Transmit-tance	Transmit-tance	Reflec-tance Outdoors	Reflec-tance Indoors	Transmit-tance	Reflec-tance	Absorp-tion	Solar Factor EN410	SHGC	SC	
4	17	35	29	37	44	24	32	0.49	0.50	0.57	5.8
5	17	35	29	37	42	23	35	0.48	0.49	0.56	5.7
6	16	34	29	36	41	23	36	0.47	0.48	0.55	5.7
8	15	33	28	36	38	21	41	0.48	0.47	0.54	5.6

– 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® Clear: Performance Data for IG Unit Glass (6mm/16mm air space/6mm)

Solarlite® Clear +	Visible light Transmission 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	32%	30%	38%	0.46	0.40	2.80	2.70	2.70
SG 500-Hard coat Low E#3	28%	30%	36%	0.44	0.38	1.90	1.80	1.80
Single Silver Low E#3	27%	28%	35%	0.41	0.36	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

SOLARLITE® EURO BRONZE

Solarlite® Euro Bronze: Performance Data for Monolithic Glass

Glass Configuration	UV	Visible Light			Solar Energy						U Value W/M2K
Solarlite Euro Bronze	%	%	%	%	%	%	%	%	%	%	
(MM)	Transmit-tance	Transmit-tance	Reflec-tance Outdoors	Reflec-tance Indoors	Transmit-tance	Reflec-tance	Absorp-tion	Solar Factor EN410	SHGC	SC	
4	9	24	16	36	34	14	52	0.49	0.50	0.57	5.8
5	7	22	14	36	30	12	58	0.47	0.48	0.55	5.7
6	6	20	13	36	27	11	62	0.46	0.45	0.53	5.7
8	4	16	10	36	22	9	69	0.44	0.44	0.51	5.6

– 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® Euro Bronze: Performance Data for IG Unit Glass (6mm/16mm air space/6mm)

Solarlite® Euro Bronze +	Visible light Transmission 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	19%	14%	37%	0.38	0.33	2.80	2.70	2.70
SG 500-Hard coat Low E#3	18%	14%	35%	0.32	0.28	1.90	1.80	1.80
Single Silver Low E#3	15%	14%	32%	0.31	0.27	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

SOLARLITE® DARK BRONZE

Solarlite® Dark Bronze: Performance Data for Monolithic Glass

Glass Configuration	UV	Visible Light			Solar Energy						U Value W/M2K
Solarlite Dark Bronze	%	%	%	%	%	%	%	%	%	%	
(MM)	Transmit-tance	Transmit-tance	Reflec-tance Outdoors	Reflec-tance Indoors	Transmit-tance	Reflec-tance	Absorp-tion	Solar Factor EN410	SHGC	SC	
4	8	22	15	36	32	16	50	0.47	0.48	0.55	5.8
5	6	20	14	36	30	17	55	0.42	0.43	0.49	5.7
6	5	18	11	36	26	10	64	0.38	0.39	0.44	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® Dark Bronze : Performance Data for IG Unit Glass (6mm/16mm air space/6mm)

Solarlite® Dark Bronze +	Visible light Transmission VLT	Visible light Reflectance		SC	Solar Factor(g) EN 410	U-Value Imperial		Value EN 673 W/m²*K
		Ext.	Int.			Winter	Summer	
Trulite Clear	17%	14%	37%	0.25	0.22	2.80	2.70	2.70
SG 500-Hard coat Low E#3	15%	14%	35%	0.23	0.20	1.90	1.80	1.80
Single Silver Low E#3	13%	14%	32%	0.21	0.19	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

SOLARLITE® EURO GREY

Solarlite® Euro Grey: Performance Data for Monolithic Glass

Glass Configuration	UV	Visible Light			Solar Energy						U Value W/M2K
Solarlite Euro Grey	%	%	%	%	%	%	%	%	%	%	
(MM)	Transmit-tance	Transmit-tance	Reflec-tance Outdoors	Reflec-tance Indoors	Transmit-tance	Reflec-tance	Absorp-tion	Solar Factor EN410	SHGC	SC	
4	10	23	15	36	32	13	55	0.49	0.50	0.57	5.8
5	8	20	12	36	28	11	61	0.46	0.47	0.54	5.7
6	7	18	10	35	25	9	66	0.45	0.45	0.52	5.7
8	5	14	8	35	19	7	74	0.42	0.43	0.49	5.6

– 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® Euro Grey : Performance Data for IG Unit Glass (6mm /16mm air space/6mm)

Solarlite® Euro Grey +	Visible light Transmission VLT	Visible light Reflectance		SC	Solar Factor(g) EN 410	U-Value Imperial		Value EN 673 W/m²*K
		Ext.	Int.			Winter	Summer	
Trulite Clear	16%	11%	38%	0.36	0.31	2.80	2.70	2.70
SG 500-Hard coat Low E#3	15%	12%	36%	0.30	0.26	1.90	1.80	1.80
Single Silver Low E#3	14%	13%	34%	0.28	0.24	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