

## HOME APPLIANCES QUALITY

### Trulite Clear: Performance Data for Monolithic Glass

Glass Configuration	UV	Visible Light				Solar Energy						U Value W/ M2K
Trulite Clear	%	%	%	%	%	%	%	%	%	%	%	
(MM)	Transmittance	Transmittance	Reflectance Outdoors	Reflectance Indoors	Color render index Ra (D65)	Transmittance	Reflectance	Absorption	Solar Factor EN410	SHGC	SC	
4	62	90	9	9	99	84	9	7	0.86	0.85	0.99	5.8
5	59	89	9	9	89	82	9	9	0.85	0.84	0.98	5.8

### Solarlite® Clear: Performance Data for Monolithic Glass

Glass Configuration	UV	Visible Light				Solar Energy						U Value W/ M2K
Solarlite Clear	%	%	%	%	%	%	%	%	%	%	%	
(MM)	Transmittance	Transmittance	Reflectance Outdoors	Reflectance Indoors	Transmittance %	Transmittance	Reflectance	Absorption	Solar Factor EN410	SHGC	SC	
4	17	35	29	37	44	24	32	0.49	0.49	0.50	0.57	5.8
5	17	35	29	37	42	23	35	0.48	0.48	0.49	0.56	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.



# TRUELITE CLEAR GLASS



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EXCEPTIONAL CLARITY



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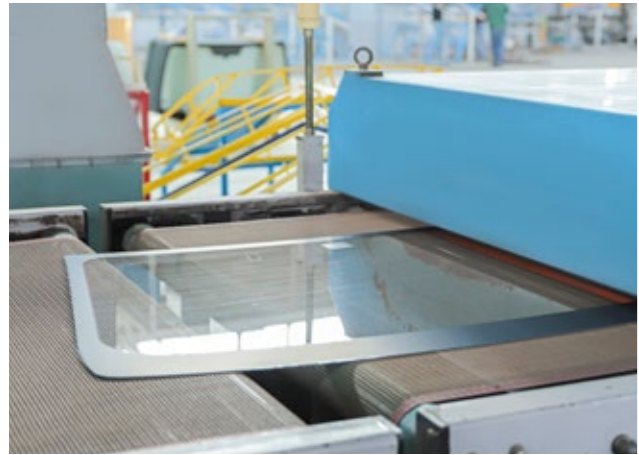


# TRUELITE CLEAR GLASS

Sphinx® Glass is committed to meeting the changing demands of manufacturers, utilizing the most advanced manufacturing technologies to ensure the optimum quality of its products and services.

Trulite Clear glass comes in varying sizes and thicknesses, beginning from 2.1 mm to 19mm, yet its defining characteristic is its clear and undistorted visibility. This provides high transmittance and reduces the solar heat gain, making the different qualities of Trulite Clear glass products ideal for post-processing results in the tempering, double glazing, lamination, coating and silvering stages.

## AUTOMOTIVE QUALITY



## SILVERING QUALITY



## ARCHITECTURAL QUALITY



## HOME APPLIANCES QUALITY



## AUTOMOTIVE QUALITY

### Trulite Clear: Performance Data for Monolithic Glass

Glass Configuration	UV	Visible Light				Solar Energy						U Value W/M2K
Trulite Clear	%	%	%	%	%	%	%	%	%	%	%	
(MM)	Transmittance	Transmittance	Reflection Outdoors	Reflection Indoors	Color Render Index Ra [D65]	Transmittance	Reflection	Absorption	Solar Factor EN410	SHGC	SC	
2.1	69	90	9	9	99	87	10	3	0.88	0.87	1.01	5.9
2.5	68	90	9	9	99	87	10	3	0.88	0.87	1.01	5.9
2.7	67	90	9	9	99	86	10	4	0.88	0.87	1.00	5.9
3	66	90	9	9	99	85	10	5	0.87	0.86	0.99	5.8
3.2	66	90	10	10	98.4	85	10	5	0.86	0.86	0.99	5.7
3.5	64	89.8	10	10	98.2	84.5	10	6.5	0.85	0.85	0.98	5.7
4	62	90	9	9	99	84	9	7	0.86	0.85	0.99	5.8
5	59	89	9	9	98	82	9	9	0.85	0.84	0.98	5.8

- 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
- Color Rendering Index Ra (D65) = the ability transmitted daylight to portray a variety of colors compared to those seen under day light without the glazing.
- "a[D65]" refers to an average of eight color samples at 6500 K color temperature. In illumination, general color rendering indices Ra above 90 are very good and Ra between 80 and 90 are good.

## SILVERING QUALITY

### Trulite Clear: Performance Data for Monolithic Glass

Glass Configuration	UV	Visible Light				Solar Energy						U Value W/M2K
Trulite Clear	%	%	%	%	%	%	%	%	%	%	%	
(MM)	Transmittance	Transmittance	Reflection Outdoors	Reflection Indoors	Color Render Index Ra [D65]	Transmittance	Reflection	Absorption	Solar Factor EN410	SHGC	SC	
2.7	67	90	9	9	99	86	10	4	0.88	0.87	1.00	5.9
3	66	90	9	9	99	85	10	5	0.87	0.86	0.99	5.8
4	62	90	9	9	99	84	9	7	0.86	0.85	0.99	5.8
5	59	89	9	9	98	82	9	9	0.85	0.84	0.98	5.8
6	55	89	9	9	98	80	9	11	0.84	0.83	0.97	5.7

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- 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.
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## ARCHITECTURAL QUALITY

### Trulite Clear: Performance Data for Monolithic Glass

Glass Configuration	UV	Visible Light				Solar Energy						U Value W/M2K
Trulite Clear	%	%	%	%	%	%	%	%	%	%	%	
(MM)	Transmittance	Transmittance	Reflection Outdoors	Reflection Indoors	Color Render Index Ra [D65]	Transmittance	Reflection	Absorption	Solar Factor EN410	SHGC	SC	
4	62	90	9	9	99	84	9	7	0.86	0.85	0.99	5.8
5	59	89	9	9	98	82	9	9	0.85	0.84	0.98	5.8
6	55	89	9	9	98	80	9	11	0.84	0.83	0.97	5.7
8	51	88	9	9	97	77	8	15	0.82	0.81	0.94	5.6
10	49	87	9	9	97	75	8	17	0.80	0.79	0.92	5.6
12	46	86	9	9	96	72	8	20	0.78	0.77	0.90	5.5
15	42	84	8	8	95	68	7	25	0.76	0.75	0.87	5.4
19	39	84	8	8	95	65	7	28	0.73	0.72	0.84	5.3

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- SF = Solar Factor (EN410) also known as g-value
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