

# Features

## Lightweaves® Solar Shade Fabrics

### Maintain an Outward View

- Filter and diffuse light while maintaining an outward view
- In general, the higher the openness factor and darker the fabric, the clearer the view

### Manage Glare

- Minimize glare on televisions and home office computers
- The darker the fabric color, the better the glare control and the better the view to the outside

### Block Damaging UV Rays

- The amount of UV ray blockage is the inverse of a fabric's openness factor (e.g., a fabric with 10% openness blocks 90% of UV rays)
- Protect your furniture, carpets, artwork, etc., from fading due to harmful UV rays

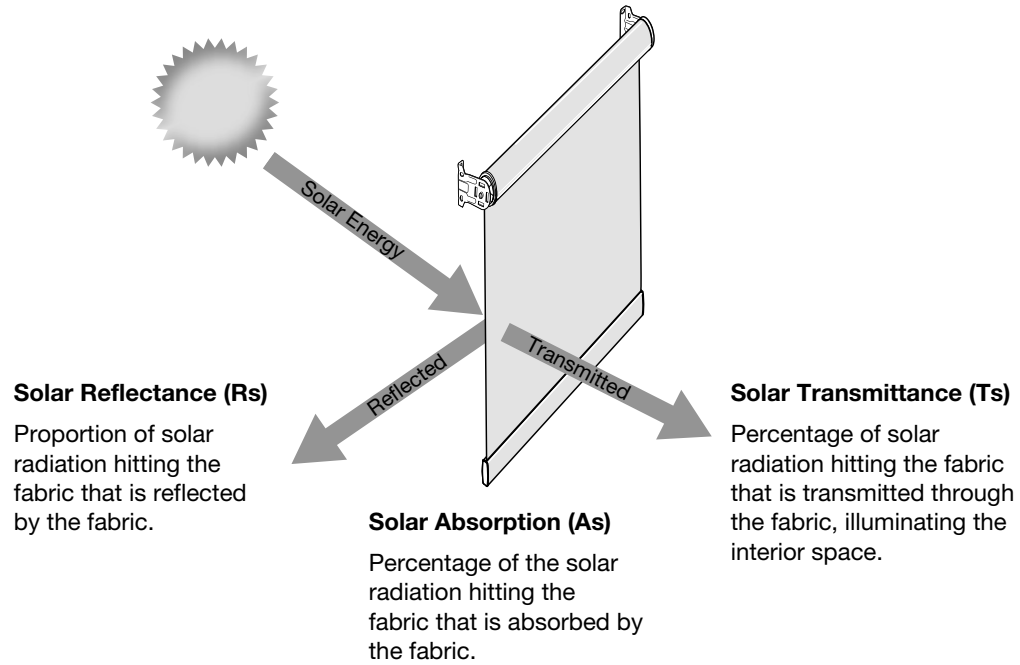
### Reduce the Temperature

- Lightweaves fabrics reduce heat transmittance, keeping rooms cooler and increasing the comfort level in the home
- The lighter the fabric color, the better the temperature control

**NOTE:** Solar shades do not offer nighttime privacy; lighted interiors allow inward visibility. If complete privacy is desired, a dual shade or secondary treatment is necessary.

### Solar Optical Properties

When solar radiation reaches the shading fabric it is either reflected, absorbed, or transmitted. The sum of these values equals 100% of the solar energy hitting the fabric.



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## Fabric Styles and Information: Solar Shade Fabrics

Style Name	Openness	UV Blockage	Fabric Composition	Fabric Width (inches)	GREENGUARD® Certified	anti-microbial	anti-fungal	FR Rated	Can Be Turned Width for Height	Color Numbers
Bradley	8%	92%	16% Polyester/ 84% PVC	96	•	•	•	•		All colors
Broadcast	1%	99%	25% Polyester/ 75% Vinyl on Polyester	116	•	•	•	•	•	All colors
Buxton	1%	99%	24% Polyester/ 76% PVC	96	•	•	•	•		All colors
Chronicles	4%	96%	15% Polyester/ 85% Vinyl on Polyester	96	•	•	•	•		All colors
Complex	5%	95%	30% Polyester/ 70% Vinyl on Polyester	96	•	•	•	•		All colors
Earth Synergy	5%	95%	16% Liner/ 18% Polyester/ 66% PVC	116	•	•	•	•		All colors
EcoEncore	5%	95%	100% PET recycled polyester	99½	•			•		All colors
Ellington 1%	1%	99%	22% Polyester/ 78% PVC	124	•	•	•	•	•	All colors
Ellington 3%	3%	97%	22% Polyester/ 78% PVC	124	•	•	•	•	•	All colors
Ellington 5%	5%	95%	22% Polyester/ 78% PVC	124	•	•	•	•		All colors
EnviroINFUSION	5%	95%	100% Polyester	114¾	•	•	•	•		All colors
Exposition	8%	92%	26% Polyester/ 74% Vinyl on Polyester	96	•	•	•	•		All colors
Guildhall	5%	95%	26% Polyester/ 74% Vinyl on Polyester	96	•	•	•	•		All colors
Harmonics	5%	95%	100% Polyester	114¾	•	•	•	•		All colors
LiveWell	2%	98%	20% Polyester/ 80% PVC	95 1/8	•	•	•	•	•	All colors
Merit	4%	96%	15% Polyester/ 85% Vinyl on Polyester	96	•	•	•	•		All colors
Momentum	5%	95%	17% Polyester/ 83% PVC	94	•	•	•	•		All colors
Monticello	7%	93%	23.8% Polyester/ 76.2% Vinyl on Polyester	96	•	•	•	•	•	All colors
Nantucket	8%	92%	17% Polyester/20% PP/63% PVC	96	•					All colors
Nebula	5%	95%	29% Polyester/ 71% PVC	96	•	•		•		All colors
Olbrecht	2%	98%	48% Polyester/52% PVC	96	•	•		•		All colors
Paragon	1%	99%	Metallic 15%/20% Polyester/65% PVC	116	•	•	•	•		All colors
PlanetSafe	3%	97%	100% PET recycled polyester	103⅛	•			•		All colors
Plexus 1%	1%	99%	19% Polyester/ 81% Vinyl on Polyester	116	•	•	•	•	•	47601, 47612, 47611
			25% Polyester/ 75% Vinyl on Polyester							47610, 47604, 47606, 47613, 47609, 47608, 47603, 47602, 47605, 47607
Plexus 3%	3%	97%	19% Polyester/ 81% Vinyl on Polyester	116	•	•	•	•	•	47701, 47712, 47711
			25% Polyester/ 75% Vinyl on Polyester							47710, 47704, 47706, 47713, 47709, 47708, 47703, 47702, 47705, 47707
Plexus 5%	5%	95%	13% Polyester/ 87% Vinyl on Polyester	116	•	•	•	•	•	47801, 47812, 47811
			25% Polyester/ 75% Vinyl on Polyester							47810, 47804, 47806, 47813, 47809, 47808, 47803, 47802, 47805, 47807
Porter	11%	89%	16% Polyester/ 84% PVC	96	•	•		•		All colors
Quintessence	7%	93%	25% Polyester/ 75% PVC	116	•	•	•	•		All colors
Sabine	3%	97%	25% Polyester/ 75% PVC	96	•	•	•	•		All colors
SafeSync	12%	88%	16% Polyester/ 84% PVC	96	•	•		•		All colors
Sakura	5%	95%	28% Polyester/ 72% PVC	96⅜	•	•		•		All colors

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Style Name	Openness	UV Blockage	Fabric Composition	Fabric Width (inches)	GREENGUARD® Certified	anti-microbial	anti-fungal	FR Rated	Can Be Turned Width for Height	Color Numbers
Standard Weave 1%	1%	99%	21% Polyester/ 79% Vinyl on Polyester 24% Polyester/ 76% Vinyl on Polyester 25% Polyester/ 75% Vinyl on Polyester	124	•	•	•	•	•	47907, 47908, 47905 47901, 47906 47902, 47903, 47904
Standard Weave 3%	3%	97%	18% Polyester/ 82% Vinyl on Polyester 21% Polyester/ 79% Vinyl on Polyester 24% Polyester/ 76% Vinyl on Polyester	124	•	•	•	•	•	48202, 48203, 48204 48207, 48208, 48205 48201, 48206
Standard Weave 5%	5%	95%	16% Polyester/ 84% Vinyl on Polyester 21% Polyester/ 79% Vinyl on Polyester 24% Polyester/ 76% Vinyl on Polyester	124	•	•	•	•	•	48302, 48303, 48304 48307, 48308, 48305 48301, 48306
Standard Weave 10%	10%	90%	16% Polyester/ 84% Vinyl on Polyester 21% Polyester/ 79% Vinyl on Polyester 24% Polyester/ 76% Vinyl on Polyester	116	•	•	•	•	•	48402, 48403, 48404 48407, 48408, 48405 48401, 48406
Tableaux	1%	99%	23% Polyester/ 77% PVC	96	•	•	•	•	•	All colors
Unison	5%	95%	100% Polyester	114%	•	•	•	•	•	All colors
Vanguard 1%	1%	99%	21% Polyester/ 79% Vinyl on Polyester 24% Polyester/ 76% Vinyl on Polyester 25% Polyester/ 75% Vinyl on Polyester	124	•	•	•	•	•	47914, 47912, 47917, 47913, 47918 47909, 47915, 47911, 47916 47910, 47919
Vanguard 3%	3%	97%	18% Polyester/ 82% Vinyl on Polyester 21% Polyester/ 79% Vinyl on Polyester 24% Polyester/ 76% Vinyl on Polyester	124	•	•	•	•	•	48210, 48219 48214, 48212, 48217, 48213, 48218 48209, 48215, 48211, 48216
Vanguard 5%	5%	95%	16% Polyester/ 84% Vinyl on Polyester 21% Polyester/ 79% Vinyl on Polyester 24% Polyester/ 76% Vinyl on Polyester	124	•	•	•	•	•	48310, 48319 48314, 48312, 48317, 48313, 48318 48309, 48315, 48311, 48316