

# 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 (i.e., a fabric with 10% openness blocks 90% of UV rays)
- Protects your furniture, carpets, artwork, etc., from fading due to harmful UV rays

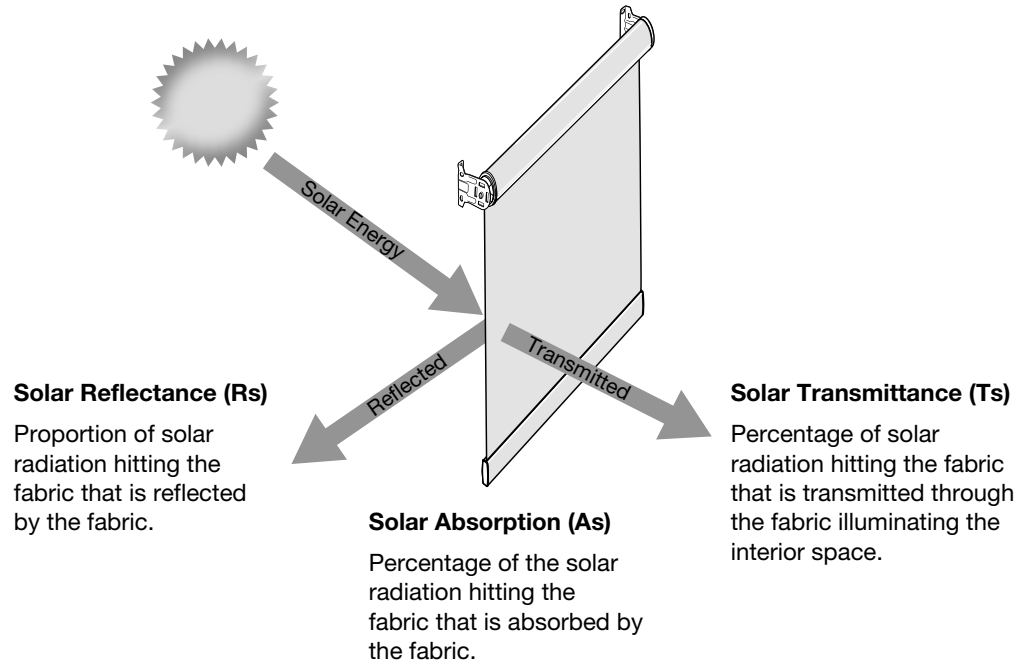
### Reduce the Temperature

- 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    | Price Group | Openness | UV Blockage | Fabric Composition   | Fabric Width inches (cm) | GREENGUARD® Certified | Antimicrobial | FR Rated | Can be Turned Width for Height | Can be Seamed | Sealed Hem Bar | Color Numbers   |
|---------------|-------------|----------|-------------|--|--------------------------|-----------------------|---------------|----------|--------------------------------|---------------|----------------|---|
| Broadcast     | SB          | 1%       | 99%         | 25% polyester/<br>75% vinyl on polyester   | 116<br>(294.7)           | •                     | •             | •        | •                              | •             | •              | All   |
| Chronicles    | SC          | 4%       | 96%         | 15% polyester/<br>85% vinyl on polyester   | 96<br>(243.9)            | •                     | •             | •        | •                              | •             | •              | All   |
| Complex       | SC          | 5%       | 95%         | 30% polyester/<br>70% vinyl on polyester   | 96<br>(243.9)            | •                     | •             | •        | •                              | •             | •              | All   |
| Cumulus       | SB          | 14%      | 86%         | 22% polyester/<br>78% vinyl on polyester   | 96<br>(243.9)            | •                     | •             | •        | •                              | •             | •              | All   |
| Ellington 1%  | SB          | 1%       | 99%         | 22% Polyester/<br>78% PVC  | 124<br>(314.9)           | •                     | •             | •        | •                              | •             | •              | All   |
| Ellington 3%  | SB          | 3%       | 97%         | 22% Polyester/<br>78% PVC  | 124<br>(314.9)           | •                     | •             | •        | •                              | •             | •              | All   |
| Ellington 5%  | SB          | 5%       | 95%         | 22% Polyester/<br>78% PVC  | 124<br>(314.9)           | •                     | •             | •        | •                              | •             | •              | All   |
| Exposition    | SC          | 8%       | 92%         | 26% polyester/<br>74% vinyl on polyester   | 96<br>(243.9)            | •                     | •             | •        | •                              | •             | •              | All   |
| Guildhall     | SD          | 5%       | 95%         | 26% polyester/<br>74% vinyl on polyester   | 96<br>(243.9)            | •                     | •             | •        | •                              | •             | •              | All   |
| Merit         | SD          | 4%       | 96%         | 15% polyester/<br>85% vinyl on polyester   | 96<br>(243.9)            | •                     | •             | •        | •                              | •             | •              | All   |
| Momentum      | SD          | 18%      | 82%         | 83% PVC/<br>17% Polyester  | 94<br>(238.8)            | •                     | •             | •        | •                              | •             | •              | All   |
| Monticello    | SB          | 7%       | 93%         | 23.8% polyester/<br>76.2% vinyl on polyester   | 96<br>(243.9)            | •                     | •             | •        | •                              | •             | •              | All   |
| Paradigm      | SD          | 8%       | 92%         | 25% polyester/<br>75% vinyl on polyester   | 96<br>(243.9)            | •                     | •             | •        | •                              | •             | •              | All   |
| Paragon*      | SD          | 5%       | 95%         | 20% Polyester/<br>65% PVC/<br>15% Metallic   | 116<br>(294.7)           | •                     | •             | •        | •                              | •             | •              | All   |
| Plexus 1%     | SD          | 1%       | 99%         | 19% polyester/<br>81% vinyl on polyester<br><br>25% polyester/<br>75% vinyl on polyester | 116<br>(294.7)           | •                     | •             | •        | •                              | •             | •              | 47601, 47611, 47612<br>47602, 47603, 47604, 47605, 47606, 47607, 47608, 47609, 47610, 47613 |
| Plexus 3%     | SB          | 3%       | 97%         | 19% polyester/<br>81% vinyl on polyester<br><br>25% polyester/<br>75% vinyl on polyester | 116<br>(294.7)           | •                     | •             | •        | •                              | •             | •              | 47701, 47711, 47712<br>47702, 47703, 47704, 47705, 47706, 47707, 47708, 47709, 47710, 47713 |
| Plexus 5%     | SB          | 5%       | 95%         | 19% polyester/<br>81% vinyl on polyester<br><br>25% polyester/<br>75% vinyl on polyester | 116<br>(294.7)           | •                     | •             | •        | •                              | •             | •              | 47801, 47811, 47812<br>47802, 47803, 47804, 47805, 47806, 47807, 47808, 47809, 47810, 47813 |
| Prodigy       | SD          | 8%       | 92%         | 25% polyester/<br>75% vinyl on polyester   | 95¼<br>(243.3)           | •                     | •             | •        | •                              | •             | •              | All   |
| Quintessence* | SD          | 7%       | 93%         | 25% Polyester/<br>75% PVC  | 116<br>(294.7)           | •                     | •             | •        | •                              | •             | •              | All   |

\*Oeko-Tex® certified.

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|--------------------|-------------|----------|-------------|--|--------------------------|-----------------------|---------------|----------|--------------------------------|---------------|----------------|---|
| Reaction           | SD          | 4%       | 96%         | 15% polyester/<br>85% vinyl on polyester | 96<br>(243.9)            | •                     | •             | •        |                                | •             | •              | All                                     |
| Resolve            | SD          | 3%       | 97%         | 24% polyester/<br>76% vinyl on polyester | 96<br>(243.9)            | •                     | •             | •        |                                | •             | •              | All                                     |
| Sabine             | SB          | 3%       | 97%         | 75% PVC/<br>25% Polyester                | 96<br>(243.9)            | •                     | •             | •        |                                | •             | •              | All                                     |
| Standard Weave 1%  | SB          | 1%       | 99%         | 21% polyester/<br>79% vinyl on polyester | 116<br>(294.7)           | •                     | •             | •        | •                              | •             | •              | 47905, 47907,<br>47908                  |
|                    |             |          |             | 24% polyester/<br>76% vinyl on polyester |                          |                       |               |          |                                |               |                | 47901, 47906                            |
|                    |             |          |             | 25% polyester/<br>75% vinyl on polyester |                          |                       |               |          |                                |               |                | 47902, 47903,<br>47904                  |
| Standard Weave 3%  | SA          | 3%       | 97%         | 22% polyester/<br>78% vinyl on polyester | 116<br>(294.7)           | •                     | •             | •        | •                              | •             | •              | 48202, 48203,<br>48204                  |
|                    |             |          |             | 21% polyester/<br>79% vinyl on polyester |                          |                       |               |          |                                |               |                | 48205, 48207,<br>48208                  |
|                    |             |          |             | 24% polyester/<br>76% vinyl on polyester |                          |                       |               |          |                                |               |                | 48201, 48206                            |
| Standard Weave 5%  | SA          | 5%       | 95%         | 17% polyester/<br>83% vinyl on polyester | 116<br>(294.7)           | •                     | •             | •        | •                              | •             | •              | 48302, 48303,<br>48304                  |
|                    |             |          |             | 21% polyester/<br>79% vinyl on polyester |                          |                       |               |          |                                |               |                | 48305, 48307,<br>48308                  |
|                    |             |          |             | 24% polyester/<br>76% vinyl on polyester |                          |                       |               |          |                                |               |                | 48301, 48306                            |
| Standard Weave 10% | SB          | 10%      | 90%         | 16% polyester/<br>79% vinyl on polyester | 116<br>(294.7)           | •                     | •             | •        | •                              | •             | •              | 48402, 48403,<br>48404                  |
|                    |             |          |             | 21% polyester/<br>79% vinyl on polyester |                          |                       |               |          |                                |               |                | 48405, 48407,<br>48408                  |
|                    |             |          |             | 24% polyester/<br>76% vinyl on polyester |                          |                       |               |          |                                |               |                | 48401, 48406                            |
| Tableaux           | SC          | 5%       | 95%         | 77% PVC/<br>23% Polyester                | 96<br>(243.9)            | •                     | •             | •        |                                | •             | •              | All                                     |
| Vanguard 1%        | SB          | 1%       | 99%         | 21% polyester/<br>79% vinyl on polyester | 116<br>(294.7)           | •                     | •             | •        | •                              | •             | •              | 47912, 47913,<br>47914, 47917,<br>47918 |
|                    |             |          |             | 24% polyester/<br>76% vinyl on polyester |                          |                       |               |          |                                |               |                | 47909, 47911,<br>47915, 47916           |
|                    |             |          |             | 25% polyester/<br>75% vinyl on polyester |                          |                       |               |          |                                |               |                | 47910, 47919                            |
| Vanguard 3%        | SA          | 3%       | 97%         | 78% polyester/<br>22% vinyl on polyester | 116<br>(294.7)           | •                     | •             | •        | •                              | •             | •              | 48210, 48219                            |
|                    |             |          |             | 21% polyester/<br>79% vinyl on polyester |                          |                       |               |          |                                |               |                | 48212, 48213,<br>48214, 48217,<br>48218 |
|                    |             |          |             | 24% polyester/<br>76% vinyl on polyester |                          |                       |               |          |                                |               |                | 48209, 48211,<br>48215, 48216           |
| Vanguard 5%        | SA          | 5%       | 95%         | 83% polyester/<br>17% vinyl on polyester | 116<br>(294.7)           | •                     | •             | •        | •                              | •             | •              | 48310, 48319                            |
|                    |             |          |             | 21% polyester/<br>79% vinyl on polyester |                          |                       |               |          |                                |               |                | 48312, 48313,<br>48314, 48317,<br>48318 |
|                    |             |          |             | 24% polyester/<br>76% vinyl on polyester |                          |                       |               |          |                                |               |                | 48309, 48311,<br>48315, 48316           |
| Venture            | SB          | 7%       | 93%         | 16% polyester/<br>84% vinyl on polyester | 96<br>(243.9)            | •                     | •             | •        |                                | •             | •              | All                                     |