**Available Options**

**Mounting**
- Curb-Mounted
- Self-Flashing

**Openable**
- Manual Openable
- Electric Openable
- Thermally Broken Frame

**Domes**
- Double Dome
- Triple Domes
- Pyramid Shape Domes
- Low Profile Domes

A thermally broken skylight frame helps reduce the transmission of heat and cold (thermal conductivity) into the room and the formation of condensation on the inner skylight frame. This design is especially desirable in areas having extremely cold climates.

**Custom Structural Residential Skylights**

Bristolite has extensive facilities to manufacture custom skylighting structures to your exact specifications. Our Design Engineering staff has many combined years of experience in designing structurally sound and visually breathtaking glazed structures to meet your design and lighting needs.

Material options for custom skylight structures include combinations of wired, tempered or laminated glass, polycarbonate and acrylic; many different colors of glazing; and painted or anodized aluminum frame finishes.

For specific information and pricing on any particular project please contact our sales staff.

**Please contact our sales staff for more information.**

**Residential Skylights**

**Bristolite**, the most recognized name in skylighting for more than thirty years has led the industry with more designs, sizes and options than any other skylight manufacturer.
Therm-o-weld® Skylights

More than 25 years ago Bristolite developed and subsequently patented a process for manufacturing skylights that is still unique in the industry today. Our Therm-o-weld® skylight has been a leader in the industry with many imitations but no equals. The acrylic glazing is permanently bonded to the fiberglass frame using a patented process known as the Therm-o-weld. The result is an all-one-piece skylight that is virtually leakproof. The frame is bronze colored as shown below with a white painted base frame as an option.

Models are available with both curb-mount and self flashing bases and acrylic domes in (4) colors as well as clear colorless.

Bristolite offers a ten year leakproof warranty on the Therm-o-weld model.

Therm-o-weld Fixed Fiberglass Frame Dome Skylight

Therm-o-weld® Danaalite® Skylights

In some situations cost can be an inflexible factor so Bristolite also makes an aluminum frame skylight that offers high quality performance at a cost below our top-of-the-line Therm-o-weld®. The Alumi-lite® also provides a design advantage over other aluminum skylights by adding additional gaskets between the acrylic dome and the upper and lower aluminum frame providing a more secure water barrier.

The Alumi-lite skylights are offered with two different glazing alternatives, acrylic domes (in 4 colors as well as clear colorless) and glass. Models are also available with both curb-mount and self flashing bases. Bristolite offers a five year leakproof warranty on the Alumi-lite models.

Therm-o-weld Openable Fiberglass Frame Dome Skylight

Alumi-lite® Dome Skylights

Available Sizes For AL, AS, & GAL Models

A minimum pitch of 3:12 is required for glass units.

Glass / Lighting Information

Insulating Exterior Light Shading

Glass Type Appearance Transmittance Coefficient

Clear Clear 80% 0.82
Bronze Tinted 47% 0.57
Grey Tinted 37% 0.55
Clear Low-E Reflective 76% 0.67
White Milky 65% 0.76

UV Transmittance is less than 1% based on laminated glass on the exterior lite of the insulating unit.

Available Sizes For AL, AS, & GAL Models

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Inside Curb Opening</th>
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<tbody>
<tr>
<td>1414</td>
<td>14 1/4&quot; x 14 1/4&quot;</td>
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<tr>
<td>1919</td>
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<tr>
<td>2222</td>
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</tr>
<tr>
<td>3030</td>
<td>30 1/4&quot; x 30 1/4&quot;</td>
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<td>3737</td>
<td>37&quot; x 37&quot;</td>
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<tr>
<td>8484</td>
<td>84&quot; x 84&quot;</td>
</tr>
<tr>
<td>9292</td>
<td>92 1/2&quot; x 92 1/2&quot;</td>
</tr>
</tbody>
</table>

Lighting Information For Acrylic

<table>
<thead>
<tr>
<th>Glazing Material</th>
<th>Light Transmittance (1)</th>
<th>Shading Coefficient (1)</th>
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<tbody>
<tr>
<td></td>
<td>Single</td>
<td>Double</td>
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<tr>
<td>High White (WH)</td>
<td>82%</td>
<td>75%</td>
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<tr>
<td>Medium White (WM)</td>
<td>55%</td>
<td>49%</td>
</tr>
<tr>
<td>Bronze Tinted (BT)</td>
<td>27%</td>
<td>25%</td>
</tr>
<tr>
<td>Grey Tinted (GT)</td>
<td>22%</td>
<td>19%</td>
</tr>
<tr>
<td>Clear Colorless (CC)</td>
<td>95%</td>
<td>52%</td>
</tr>
</tbody>
</table>

Available Dome Colors:
- High White
- Medium White
- Clear Colorless
- Bronze Tinted
- Grey Tinted

Available Frame Finishes:
- Unfinished Mill
- Bronze Anodize
- White Paint

Glass Units are not available in all the sizes above. Please contact our Sales Department for additional information.