Wasco skylights with Lumira® aerogel are the highest performing daylighting product available on the market today. Adapting nano technology in Wasco skylights provides practical everyday solutions in fenestration products. Lumira® is able to provide a tremendous thermal insulator that is also environmentally sound. Lumira® works so well because of what it does on a nano-scale. Lumira® permanently stops connective, conductive, and thermal transfer without an appreciable drop in light transmission.

Available in most models, in standard and custom sizes.

- UV stable multiwall polycarbonate panel
- Superior thermal performance of a typical insulated glass skylight
- Glare-free, full spectrum diffused light
- “Green” product that’s perfect for Cradle to Cradle designs
- Completely moisture resistant
- Will not support growth of mold, mildew, or fungus
- Reduces sound transmission
- Performance will not deteriorate over time

<table>
<thead>
<tr>
<th>Light</th>
<th>Heat</th>
<th>Sound</th>
<th>Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Light](100% Diffused)</td>
<td>![Heat](Transfer Minimized)</td>
<td>![Sound](Transmission Reduced)</td>
<td><img src="Resistant" alt="Moisture" /></td>
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</table>
**Hurricane & Blast**

**Hurricane Resistant (HR)**

**Hurricane Resistant Glazing**
- Provided with impact modified domes to meet test requirements: ASTM-1886, ASTM-1996, TAS 201, 202 and 203
- 5252 can achieve 75DP, 5276 can achieve 60DP, 5296 can achieve 45DP
- Available in sizes up to a model 5296
- Available in curb mount models, in clear or white glazing

See page 6 for standard sizes.

**Blast Resistant (BR)**

**Blast Resistant Glazing**
- Provided with copolyester to meet test requirements: ASTM–F1642–04, GSA–TS01–2003
- Available in sizes up to a model 5276
- Available in curb mount models, in clear or white glazing

See page 6 for standard sizes.

**FALL PROTECTION**

**Safety Screens (FP/BVFP)**

4” x 4” Heavy Gauge Galvanized Welded Wire Screen

Wasco’s new safety screens fit any new or existing unit or barrel vault skylight. They are lightweight, easy to install, and meet the intent for OSHA fall protection standards. They can be installed permanently over units or as temporary protection on construction sites.

- Adjustment range of 4” in width for easy installation
- Can be used as temporary protection
- Meets the intent of OSHA 29CFR 1910.23
- Galvanized steel standard, optional stainless steel

*Must be secured to roof or curb for temporary use.

**PREFAB CURBS**

**Pre-Fabricated Curbs**

**Economical and Convenient Alternative to Site Built Curbs**

Wasco’s prefabricated curbs are fully welded and assembled to save installation time and cost, with no chance of missing parts and no field assembly. Available in structural uninsulated or non-structural insulated models.

- Same standard sizes as curb mount models (see page 6), custom sizes available
- Curb heights of 9”, 12”, 14” and 16”
- 14 or 18 gauge galvanized steel construction
- Full height mitered and welded corners
- Factory installed 3/16” welded wire 6” x 6” security screen standard with optional:
  - No security screen
  - California grid – 3/16” security grid at 4” OC
  - Burglar bars – 8” x 8” grid, 1/2” diameter steel

**Non-structural Insulated Curbs (WRC3)**

- Installs on roof deck
- 20 gauge liners painted white
- 1 1/2” thick 3 lb density fiberglass insulation
- 2x2 wood nailer

**Structural Uninsulated Curbs (WRC6)**

- Spans between joists with no additional framing required
- Installs under roof deck
- Interior painted white
- 2x4 wood nailer

Since 1995

Wasco Skylights

www.wascoskylights.com
Our Acrylite® Satin Sky glazing is a powerful sun reflector which greatly reduces solar heat gain, making it ideal for both hot and cold climates. Satin Sky is impact modified, infrared blocking, light diffusing, and 100% haze white.

High-Performance Light Diffusing Glazing

Our Acrylite® Satin Sky glazing is a powerful sun reflector which greatly reduces solar heat gain, making it ideal for both hot and cold climates. Satin Sky is impact modified, infrared blocking, light diffusing, and 100% haze white.

Low Solar Heat Gain, Excellent Visible Light Transmission

By incorporating a 10mm Lumira® Aerogel panel with Acrylite® Satin Sky you get all the benefits of natural diffused light while providing superior thermal performance with excellent visible light transmission.

- Solar Heat Gain as Low as .34
- Best In Industry R-Value
- Glare-free, full spectrum diffused light
- “Green” product that’s perfect for Cradle to Cradle designs
- Completely moisture resistant
- Will not support growth of mold, mildew or fungus
- Reduces sound transmission
- UV stable
- Performance will not deteriorate over time
- NFRC tested, rated and certified
Curb Mount Dome (ECS)

ECS – Acrylite® Satin Sky Over Clear Impact Modified Acrylic, Curb Mount

E3CS – Acrylite® Satin Sky Over Clear Impact Modified Acrylic Over 10 mm Lumira® Aerogel Filled Multiwall Polycarbonate Panel, Curb Mount

PERFORMANCE VALUES

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<td>Solar Heat Gain Coefficient</td>
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<td>.34</td>
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<tr>
<td>Visible Light Transmission</td>
<td>64%</td>
<td>43%</td>
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ECS MODEL AVAILABLE OPTIONS

[³] Lumira® Aerogel
[P] Pyramid Dome

Curb Mount Standard Sizes

<table>
<thead>
<tr>
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<th>O.D. of Curb</th>
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<tr>
<td>E[3]CS[P]–3676</td>
<td>33 ¼” x 72 ½”</td>
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<tr>
<td>E[3]CS[P]–4242</td>
<td>40” x 40”</td>
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<td>E[3]CS[P]–4280</td>
<td>40” x 78”</td>
</tr>
<tr>
<td>E[3]CS[P]–5252</td>
<td>49 ¼” x 49 ¼”</td>
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<tr>
<td>E[3]CS[P]–5276</td>
<td>49 ¼” x 72 ½”</td>
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<tr>
<td>E[3]CS[P]–5296</td>
<td>49 ¼” x 92 ½”</td>
</tr>
<tr>
<td>E[3]CS[P]–5555</td>
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<td>E[3]CS[P]–55102</td>
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<td>E[3]CS[P]–6060</td>
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<td>E[3]CS[P]–6476</td>
<td>60 ½” x 72 ½”</td>
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<tr>
<td>E[3]CS[P]–6496</td>
<td>60 ½” x 92 ½”</td>
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</table>

Deck Mount Dome (ECA)

ECA9 or 12 – Acrylite® Satin Sky Over Clear Impact Modified Acrylic, Deck Mount, 9” or 12” Curb

E3CA9 or 12 – Acrylite® Satin Sky Over Clear Impact Modified Acrylic Over 10 mm Lumira® Aerogel Filled Multiwall Polycarbonate Panel, Deck Mount, 9” or 12” Curb

PERFORMANCE VALUES

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<th>E3CA</th>
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<td>Solar Heat Gain Coefficient</td>
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<td>.34</td>
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<tr>
<td>Visible Light Transmission</td>
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<td>43%</td>
</tr>
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</table>

ECA MODEL AVAILABLE OPTIONS

[³] Lumira® Aerogel
[P] Pyramid Dome

Deck Mount Standard Sizes (9” or 12” high curbs standard, 4” or 18” available)

<table>
<thead>
<tr>
<th>Model [AVAILABLE OPTIONS]</th>
<th>Rough Opening</th>
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<tbody>
<tr>
<td>E[3]CA[P]–2828</td>
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<td>30 ¼” x 46 ¼”</td>
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<tr>
<td>E[3]CA[P]–3676</td>
<td>30 ¼” x 69 ½”</td>
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<tr>
<td>E[3]CA[P]–4242</td>
<td>37” x 37”</td>
</tr>
<tr>
<td>E[3]CA[P]–4280</td>
<td>37” x 75”</td>
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<tr>
<td>E[3]CA[P]–5252</td>
<td>46 ¼” x 46 ¼”</td>
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<tr>
<td>E[3]CA[P]–5276</td>
<td>46 ¼” x 69 ½”</td>
</tr>
<tr>
<td>E[3]CA[P]–5296</td>
<td>46 ¼” x 89 ½”</td>
</tr>
<tr>
<td>E[3]CA[P]–5555</td>
<td>48” x 48”</td>
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<td>E[3]CA[P]–55102</td>
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<td>E[3]CA[P]–6476</td>
<td>57 ½” x 69 ½”</td>
</tr>
<tr>
<td>E[3]CA[P]–6496</td>
<td>57 ½” x 89 ½”</td>
</tr>
</tbody>
</table>
Thermalized Skydomes

Wasco curb mount or deck mount Thermalized® Solar-Energy Skydomes® offer outstanding lighting and thermal in a versatile range of dome or pyramid styles. These energy saving sky windows offer the highest performance plastic glazed fixed unit skylights.

- Curb mount for use on 1 1/8” thick site-built or prefabricated curbs
- Skydome Unit is fully assembled with stainless steel screws and high performance weather seals
- Heat welded one-piece curb frame construction: heavy vinyl extruded curb frame with condensation gutter and counterflashing downward leg
- Aluminum extruded heliarc welded retainer frame
- Optional copper cladding available
- Glazing is available in thermoformed acrylic as single or double domes
- Safety screens recommended

Available models, in standard and custom sizes:
- Double Dome (DDCS, DDCA)
- Single Dome (DCS, DCA)
- Single Dome with Lumira® Aerogel (DCCSN, DACANT)
- Blast Resistant (DDCSBR)
- Hurricane Rated (DDCSHR)
- Hurricane Rated with Lumira® Aerogel (DCCSNTHR)

Since 1936

Wasco SKYLIGHTS

Curb Mount Standard Sizes

<table>
<thead>
<tr>
<th>Model [OPTION]</th>
<th>O.D. of Curb</th>
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<tbody>
<tr>
<td>[D][DD] CS [NT][P][HR][BR]–2828</td>
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<td>[D][DD] CS [NT][P]–6496</td>
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Deck Mount Standard Sizes

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<tr>
<th>Model [OPTION]</th>
<th>Rough Opening</th>
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<tbody>
<tr>
<td>[D][DD] CA [NT][P]–2828</td>
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<td>[D][DD] CA [NT][P]–5276</td>
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<td>[D][DD] CA [NT][P]–5284</td>
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</table>

FALL HAZARD. To prevent death or serious injury, do NOT step, stand or sit on skylights.

SAFETY SCREENS RECOMMENDED

Note: HR and BR options are not available with pyramid dome models. Pictured: Model CS-LA.
SkyMax Daylighting

Twice the Light.  
Half the Cost.

Double the Square Footage of Standard Size Flat Glass Skylights with the Same Thermal Efficiency

Wasco’s dramatic new SkyMax doubles the square footage of our standard size flat glass unit skylights – without loss of thermal efficiency – at a fraction of the cost of structural skylights. SkyMax’s one piece extruded vinyl curb incorporates a condensation channel, eliminating the need for weep holes. This, combined with high-end glazing options, maximizes its thermal performance.

• Single Light Up to 32 Square Feet—Eight Feet at Longest Dimension

The SkyMax’s vinyl frame is structurally reinforced with aluminum, allowing large single light spans of up to 32 square feet – as much as eight feet at the longest dimension – for breathtaking daylighting.

FALL HAZARD. To prevent death or serious injury, do NOT step, stand or sit on skylights.

Thermalized Sentinel Series (SS/SA)

Wasco Sentinel Fall Protection Units  
Comply with OSHA Fall Protection Regulations

• Engineered to resist a 775 ft. lb. impact without the use of metal grids or screens
• Available in both curb mount (SS) and deck mount (SA)
• Provided with impact modified acrylic double domes
• Offered in clear, white, or bronze over clear or white
• Also available as pyramid dome, contact Wasco for information

Curb Mount Standard Sizes

<table>
<thead>
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<th>Model</th>
<th>O.D. of Curb</th>
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<tbody>
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<td>SS–3636</td>
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Deck Mount Standard Sizes

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<td>SA–4242</td>
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<td>SA–4280</td>
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<tr>
<td>SA–8080</td>
<td>75&quot; x 75&quot;</td>
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</table>

Model Rough Opening

SS–2424 19" x 19"
SS–2828 22 ¼" x 22 ¼"
SS–2836 22 ¼" x 30 ¼"
SS–2852 22 ¼" x 46 ¼"
SS–3636 30 ¼" x 30 ¼"
SS–3652 30 ¼" x 46 ¼"
SS–3676 30 ¼" x 69 ½"
SS–4242 37" x 37"
SS–4280 37" x 75"
SS–5252 46 ¼" x 46 ¼"
SS–5276 46 ⅛" x 69 ½"
SS–5296 46 ¼" x 89 ⅛"
SS–6060 55" x 55"
SS–6476 57 ½" x 69 ½"
SS–6496 57 ½" x 89 ½"
SS–7272 68" x 68"
SS–8080 75" x 75"

[9" or 12" high curbs standard, 6" or 18" available.]

www.wascoskylights.com
Radiance™ – Prismatic Hyperboloid Unit Skylight

Meets DP30 or greater (DP20 per AC16)

Wasco’s Radiance Series skylights let in more daylight, while providing the optimum level of diffusion to eliminate hot spots. Its hyperboloid shape provides glare-free natural light at all times of the day, reducing the need for electric lighting.

Radiance’s one piece extruded vinyl curb frame incorporates a condensation channel, aluminum retainer frame, and double glazed prismatic IR blocking impact modified acrylic glazing that reflects solar radiation.

- Double domed white over clear impact modified, double glazed, IR blocking acrylic
- For use on 1 1/2” thick site-built or prefabricated curbs
- Unit fully assembled with stainless steel screws and high performance structural acrylic adhesive foam tape
- Heat welded one-piece curb frame construction – heavy vinyl extruded curb frame, integral condensation gutter and counter-flashing downward leg
- Aluminum extruded heliac welded retainer frame

STANDARD INFORMATION

Finishing
White PVC frame with bronze enamel exterior capstock. Aluminum retainer frame, mill finish. Other Wasco finishes also available, contact factory for information.

Glazing

STANDARD SIZES

Prismatic Curb Mount Double Dome (DDPRCS)

<table>
<thead>
<tr>
<th>Model</th>
<th>O.D. of Curb</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDPRCS-5252</td>
<td>49 ¼” x 49 ¼”</td>
</tr>
<tr>
<td>DDPRCS-5555</td>
<td>51” x 51”</td>
</tr>
<tr>
<td>DDPRCS-5296</td>
<td>49 ¼” x 92 ½”</td>
</tr>
<tr>
<td>DDPRCS-55102</td>
<td>51” x 99”</td>
</tr>
<tr>
<td>DDPRCS-6678</td>
<td>63” x 75”</td>
</tr>
</tbody>
</table>
Our Cluster Systems allow for the creation of dramatic skylighting over large enclosures, utilizing site-built structural grid supports on flat roof applications.

- An Extruded Gutter configuration is available for applications in which extra water carrying capacity is required or if continuous vaults are to be joined.
- Cluster and Extruded Gutter Systems require a minimum of ¼” per foot slope to properly drain water.
- A dramatic accent above stairs or a rugged canopy for a covered walkway.

---

Curb Mount Model DDCCM:
These double dome circular curb mount units have been updated to today’s specifications by incorporating our CS vinyl curb with a rolled aluminum retainer. These structural improvements reduce condensation and increase thermal performance by eliminating the need for weep holes. Glazing is available in thermoformed acrylic or impact modified double domes.

Decker Mount Model DDCDM:
These self-flashing units utilize a fiberglass curb that is constructed of tough polyester resin and fiberglass with all exposed surfaces gel coated white for a uniform cosmetic appeal. Units are insulated with fiberglass batten insulation with 9” high curbs and 3” wide mounting flange. Standard sizes come with double acrylic domes in clear, bronze tint or white.

---

ESFR Rated Shrink-Out Smoke Vents (PSO-FR, PSOS-FR)
Wasco’s Pyrodome Shrink-out Smoke Vents are gravity operated acrylic double domes designed to automatically shrink and fall out in the event of a fire. The units have been upgraded with an ESFR (Early Suppression, Fast Response) rated fusible link mechanism that allows control of venting until internal temperatures reach 360° or 500°. Units are also available without the fusible link (PSO, PSOS).

Fusible Link for Controlled Venting:
- Incorporates a fusible link for specific control of venting
- Allows unit to be used with ESFR (Early Suppression Fast Response) sprinkler system
- UL tested and approved
- Less expensive alternative to mechanical venting
- Available with 360° or 500° UL listed fusible links
DECK MOUNT E-CLASS® SKYLIGHTS

Wasco’s self-flashing deck mount E-Class® skylights install in 1/3 the time and deliver up to 46% more daylight! **

E-Class is ready to go right out of the box – no mastic, no step-flashing, no sealants.

Our one-piece curbframe and flashing design cuts 90 minute installation to 30 minutes! Plus, Wasco E-Class skylights deliver up to 46% more daylight! Our E-Class self-flashing skylights sit directly on the roof deck, giving you a larger glass area per rough opening compared to competitors.

Our solar powered motorized venting unit (EVMS) is remote operated, battery powered and solar charged, with no wiring or assembly required, and is eligible for a 30% federal tax credit.

* Compared to the leading competitor. ** Venting models.

Deck Mount Standard Sizes

<table>
<thead>
<tr>
<th>Model</th>
<th>Rough Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>EF–1430</td>
<td>14 1/2” x 30 1/2”</td>
</tr>
<tr>
<td>EF–1446</td>
<td>14 1/2” x 46 1/2”</td>
</tr>
<tr>
<td>EF/EV/EVMS–2222</td>
<td>22 1/2” x 22 1/2”</td>
</tr>
<tr>
<td>EF/EV/EVMS–2230</td>
<td>22 1/2” x 30 1/2”</td>
</tr>
<tr>
<td>EF/EV/EVMS–2238</td>
<td>22 1/2” x 38 1/2”</td>
</tr>
<tr>
<td>EF/EV/EVMS–2246</td>
<td>22 1/2” x 46 1/2”</td>
</tr>
<tr>
<td>EF/EV/EVMS–2254</td>
<td>22 1/2” x 54 1/2”</td>
</tr>
<tr>
<td>EF/EVMS–3030</td>
<td>30 1/2” x 30 1/2”</td>
</tr>
<tr>
<td>EF/EVMS–3046</td>
<td>30 1/2” x 46 1/2”</td>
</tr>
<tr>
<td>EF/EVMS–3054</td>
<td>30 1/2” x 54 1/2”</td>
</tr>
<tr>
<td>EF/EVMS–4646</td>
<td>46 1/2” x 46 1/2”</td>
</tr>
</tbody>
</table>

Custom sizes available for all models.

Finish Options

A Quaker Bronze baked enamel finish is standard on all models. We also offer anodized and high-performance designer paint finishes. Our standard colors are shown below, approximated by printing inks. Copper cladding is also available.

- Quaker Bronze
- Bone White
- Colonial White
- Sandstone
- Colonial Grey
- Black
- Aged Copper
- Interstate Green
- Hartford Green
- Brick Red
CURB MOUNT G-SERIES SKYLIGHTS

Leakproof and economical skylights for curb mount applications.

- Economical units using site-built curbs
- Rugged, one-piece Permatherm® Vinyl Curb reduces thermal conductivity and condensation
- Built-in condensation channel controls indoor moisture in higher humidity areas
- Well-suited to thick roofing materials such as clay tile and concrete

Curb Mount Standard Sizes

<table>
<thead>
<tr>
<th>Model</th>
<th>O.D. of Curb</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS/GSD–1430</td>
<td>17½” x 33½”</td>
</tr>
<tr>
<td>GS/GSD–1446</td>
<td>17½” x 49½”</td>
</tr>
<tr>
<td>GS/GSD/GSV–2222</td>
<td>25½” x 25½”</td>
</tr>
<tr>
<td>GS/GSD/GSV–230</td>
<td>25½” x 33½”</td>
</tr>
<tr>
<td>GS/GSD/GSV–238</td>
<td>25½” x 41½”</td>
</tr>
<tr>
<td>GS/GSV–2246</td>
<td>25½” x 49½”</td>
</tr>
<tr>
<td>GS/GSD/GSV–3030</td>
<td>33½” x 33½”</td>
</tr>
<tr>
<td>GS/GSD/GSV–3046</td>
<td>33½” x 49½”</td>
</tr>
<tr>
<td>GS/GSV–3054</td>
<td>33½” x 57½”</td>
</tr>
<tr>
<td>GS/GSD/GSV–4646</td>
<td>49½” x 49½”</td>
</tr>
</tbody>
</table>

Also available as Solar Powered Wireless Motorized Vented Model GSVMS

Also available in a domed version

Our Curb Mount Skylights also come in a domed version suitable for slate, tile, wood shake, membrane and metal roofing systems. The dome is double-glazed with durable, high molecular density acrylic in your choice of clear or bronze.

Glazing Options

- eMAX® (EMT) (Standard)
  - LOW-E on surface #2
  - ARGON FILLED AIRSPACE

- eMAX® Laminated (EML)
  - LOW-E on surface #2
  - ARGON FILLED AIRSPACE
  - CLEAR INNER LAYER

- White Laminated (EMLW)
  - LOW-E on surface #2
  - ARGON FILLED AIRSPACE
  - WHITE INNER LAYER

SageGlass (SGU)

SageGlass is electrochromic glass that is wireless controlled with a mobile device app, providing a beautiful and cost-effective way to control sunlight without blinds or shades. SageGlass® glazing is offered in select standard sizes.

Hurricane Resistant

Wasco® Skylights in hurricane-resistant glazing, provides superior safety and security that meets IBC/IRC and other stringent state building codes for skylights installed in Wind Zone 3 coastal applications.

Electronically Tintable SageGlass®

SageGlass, www.wascoskylights.com
Wasco’s Continuous Vault System is designed for unlimited applications utilizing site-built curbs on flat roofs.

- Ribs may be spaced at 48” max O.C.
- Vaults are glazed with your choice of acrylic, polycarbonate, or impact modified glazing in clear, tinted and thermal translucent options.

SAFETY CONSIDERATIONS

Wasco skylights are designed to withstand normal elements of the weather. They are not designed to withstand human impact or falling objects. These skylights should not be walked upon under any circumstances. The owner or designer should restrict access only to authorized personnel who have been adequately cautioned as to the location of the skylights and informed of the warning above, or said owner should provide protective guard rails or screens around the skylights.

Available with Lumina® for improved thermal performance and excellent light diffusion.

SAFETY SCREENS RECOMMENDED

Call 800-388-0293 for our binder

Wasco Products, Inc.
cs@wascoproducts.com
www.wascoskylights.com
800-388-0293
207-216-4562 fax

Eastern Manufacturing Facility: 85 Spencer Drive, Unit A
Wells, ME 04090

Western Manufacturing Facility: 6645 Echo Avenue
Reno, NV 89506

LOW- and Standard-Rise Vaults

Available in widths of 36" to 123" with vertical ends, or 36" to 75" with formed ends. Structural models available in widths from 10’ to 20’. Unlimited lengths.

THERMALIZED

Half-Round Vaults

Half-round high-rise vaults are available in widths of 48" to 123" (vertical ends only). Structural models available in widths from 10’ to 20’. Unlimited lengths.

NON-THERMALIZED

Quarter-Round Vaults

Available in 24” to 75” widths, or structural unit widths of 75” to 120”. Unlimited lengths.

NON-THERMALIZED

Available with Lumina® for improved thermal performance and excellent light diffusion.
Wasco’s line of Structural Skylighting Systems represents the industry’s most versatile range of custom daylighting solutions for commercial and residential applications both large and small. When you need true custom flexibility, top quality construction, fast turnaround, long-lasting beauty, and trouble-free installation, Wasco always delivers – working closely with you to help solve problems, add aesthetic value, and make your daylighting design a stunning reality.

Wasco’s metal-framed skylight structures offer virtually unlimited design possibilities for a fully customized configuration. Our Classic and Pinnacle framing systems support spans of up to 40’ wide and unlimited lengths. Available with a wide choice of high performance glazing and finish options.

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<tr>
<td>LumiWall System</td>
<td>7</td>
</tr>
</tbody>
</table>
Glazing Options

Our metal framed custom skylighting structures are available with a virtually unlimited range of glazing options to optimize your daylighting design goals with regard to thermal performance, solar heat gain, lighting quality, impact resistance, structural requirements, aesthetics and comfort.

Our broad range of glazing choices includes, but is not limited to:

**Glass** – Typical glazing is insulated glass comprised of a tempered outboard lite and an annealed or heat strengthened laminated safety glass inboard lite. Custom configuration available.

**Dynamic Glazing** – Wasco’s Dynamic Glazing Series includes:
- Electronically Tintable SageGlass
- BIPV
- Translucent Insulated Glass
- Translucent Insulated Glass with Lumira® Aerogel

**Polycarbonate** – Standard glazing of 25mm multiwall polycarbonate panels in Opal, Opal IR, Clear or Bronze. Lumira® aerogel filled panels are available for greater thermal performance. Other colors and panel thicknesses are available, contact your local sales representative for more information.

**Hurricane Resistant** – Wasco Hurricane Rated glazing provides superior safety and security that meets Dade County HVHZ, IBC/IRC and other stringent state building codes for skylights installed in Wind Zone 3 coastal applications. Available in Pinnacle HU framing systems with 3.5” or 6” aluminum rafters. Tested to meet 80 psf design pressure, and small and large missile impact. Our Classic model CPY-FBC is Florida Product Approved / Non-Impact Zones. Glazing is available with a wide range of configurations, including our Low Profile system.

Finish Options

Wasco skylight structures are available in a broad range of colors and finishes including copper cladding:
- Mill (Standard) or Copper Clad
- Anodized: Clear, Bronze, Black
- Paint: Kynar 500° or Baked Enamel
The Pinnacle of Design Flexibility

For Spectacular Large-Scale Custom Structures Spanning up to 40’, at Any Pitch You Desire Between 15° and 60°.

With its variable-pitch hinge design, the Pinnacle Systems offer you the versatility of a custom configured structural skylight system with the reliability and cost savings of standardized engineering, construction and installation. Fast on-site assembly and installation.

- Built to order from stock for shorter lead times
- Fewer parts, faster on-site assembly
- Narrow profiles provide clean lines
- Larger span capability
- Available in Hurricane Resistant

Quicker Installation
Components always assemble the same consistent way. Sills encompass the entire perimeter so installers rely less on sealants.

Leak-Resistant
Continuous sill enclosure around skylight perimeter helps reduce air infiltration through weep holes and effectively guards against water intrusion. Thermally-enhanced construction.

Concealed Fasteners
Through bolt fastening system further eases installation, providing a clean, aesthetically pleasing look on both the interior and exterior.

<table>
<thead>
<tr>
<th>Pinnacle Model</th>
<th>Supports Spans Up To*</th>
<th>Aluminum Rafter Tube Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>350</td>
<td>18’ Wide</td>
<td>3.5”</td>
</tr>
<tr>
<td>600</td>
<td>30’ Wide</td>
<td>6”</td>
</tr>
<tr>
<td>900</td>
<td>40’ Wide</td>
<td>9”</td>
</tr>
<tr>
<td>HU (Hurricane Rated)</td>
<td>25’ Wide</td>
<td>3.5” or 6”</td>
</tr>
</tbody>
</table>

*Approximate span widths depending on configuration and load. Contact your local sales representative for more information.

HU tested to meet 80 psf design pressure, and small and large missile impact. Available with laminated or insulated glazing.

Pinnacle Standard Configurations
Available in unlimited lengths and custom widths.

The Pinnacle hinge design offers infinitely variable pitch angles between 15° and 60°.
A Classic Never Goes Out of Style

Our Light-Framed, Economical Classic Skylights for Both Pitched and Flat Roof Applications.

Wasco’s light-framed Classic Skylighting System minimizes framing while maximizing daylighting. One of the industry’s first light-framed systems capable of utilizing today’s high performance glazings, the fully thermalized Wasco Classic structural system offers architects versatile options for dramatic, cost-effective designs.

Wasco’s Classic System can ship preassembled and preglazed. Classic Series skylights are fully tested for Air Infiltration and Water Penetration per ASTM E-283 and ASTM E-331. The dry glazed, OSHA compliant, fully guttered and weeped system is used with high performance glass or multiwall polycarbonate.

- Components are prefabricated for easy installation on site
- Designed for pyramids up to 8’ wide and double pitch or
- Extended pyramid up to 5’ or 6’ wide by unlimited length
- Versatile curb-mount design using site-built curbs for both pitched and flat roof applications
- Standard pitches available include 5:12, 7:12 and 12:12
- Concealed fasteners and narrow framing members for clean, aesthetically pleasing appearance
- Integral condensation gutters drain water to the exterior for full moisture control
- Urethane thermal break incorporated around perimeter to minimize condensation on aluminum components
- One of the industry’s first light-framed skylighting systems capable of utilizing today’s high performance glazings

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Supports Spans Up To</th>
<th>Aluminum Rafter Tube Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Square or Octagonal Pyramid</td>
<td>8' Wide</td>
<td>0.375”</td>
</tr>
<tr>
<td>Extended Pyramid</td>
<td>6' Wide Unlimited</td>
<td>0.375”</td>
</tr>
<tr>
<td>Double Pitch</td>
<td>5' Wide Unlimited</td>
<td>0.375”</td>
</tr>
<tr>
<td>CPY-FBC³ (FBC Approved Square Pyramid)</td>
<td>6’ 10” Wide</td>
<td>0.375”</td>
</tr>
</tbody>
</table>

1 Maximum structure size for assembled and glazed is 6’ 6”.
2 Approximate span widths depending on configuration and load.
3 CPY-FBC tested to meet 80 psf design pressure.

Classic Standard Configurations
Available in unlimited lengths and custom widths.

Classic square pyramid with optional copper cladding.
Create Dramatic Daylighting

Non-Structural Skylight on Pitched Roofs Where Structural Support Is Present.

Available with a wide choice of high performance glazing and finish options, Wasco’s low profile skylight structures offer virtually unlimited design possibilities for a fully customized configuration.

Developed for pitched roof applications, the Wasco Low Profile System is an aluminum-frame glass system that lays over roof rafters, creating a narrow line frame for a clean and appealing look on the roof line. Available in curb mount or self-flashing deck mount, the system accommodates multiple panels. Thermally-broken aluminum frame ships assembled and ready for field glazing.

Typical glazing is 1/4” high performance low-e laminated glass. Also available with Hurricane glass or any of our Dynamic Glazing Series options.

- For pitched roof applications where structural support by others is provided below the skylight rafters
- Structural support is required under rafters and purlins
- Prefabricated sections are simple to assemble and glaze
- Available in self-flash style and curb mount for unlimited pitched applications
- Minimum recommended roof pitch is 3:12

Canopies

Make a Grand Entrance

Wasco Translucent Polycarbonate Canopy Systems Are An Economical Solution to Your Custom Low Slope Canopy Designs

Our multiwall polycarbonate material is lightweight, impact resistant and can be cold curved which makes it an ideal choice for commercial and industrial pavilions and walkways.

Available in various panel colors and configurations, with a 10 year system warranty, the Horizon Canopy System by Wasco is a top choice of design professionals throughout the United States.

Wasco Standing Seam Monolithic Translucent Multiwall Polycarbonate Panel Systems:

- For shelters, entrances, covered and enclosed walkways
- Fixed sill, adjustable sill or skin systems
- UV stable, high impact resistance
- Modular panel, long-span aluminum system
- Simple installation, no UV maintenance
- Pleasant natural daylight transmission
Wall to Wall Bright Ideas

40mm Multiwall Polycarbonate Vertical Translucent Panel System.

LumiWall 40 is constructed with fully fabricated, lightweight, interlocking 40mm tongue and groove multiwall polycarbonate panels. It is a dry glaze system and offers optional polyurethane thermal breaks for improved thermal performance. The system has large span capabilities and is easily installed by commercial contractors.

LumiWall 40 has a coextruded layer of UV inhibitor that requires no maintenance. Polycarbonate is not made of fibers that will deteriorate, which allows it to maintain its shape, color, and strength even when exposed to UV light.

LumiWall 40 delivers superior light transmission, high impact resistance,¹ and low U-values, all at an affordable price. Available with a wide range of color choices.¹

Features

- Dry glaze system – no sealants required on panels
- Fully fabricated, lightweight interlocking wall panel system with large span capabilities
- Superior U-value, light transmission, SHGC, impact resistance²
- System depth: 2¾” panel frame, 4” subsill
- Standard subsill for trouble free installation
- Sloped sill nose with recessed weeps for maximum drainage
- Available with or without polyurethane thermal breaks for improved thermal performance
- Factory finishes meeting all AAMA finish standards
- No exposed fasteners
- NFRC tested, 10 year warranty

¹ Clear, Opal and Opal IR are stocked. Other glazing options available, contact your local sales representative for more information. ² Compared to leading competitor.

Interlocking Panels for Large Spans

• Standard Subsill for Trouble Free Installation
• Two Separate Assembly Points Create a Tight Attractive Corner
• Sloped Sill Nose with Recessed Weeps for Maximum Drainage
• No Exposed Fasteners

Double color options¹ allow you to satisfy the chromatic needs of a project while controlling the light transmission to create unique settings.
SAFETY CONSIDERATIONS

Wasco skylights are designed to withstand normal elements of the weather. They are not designed to withstand human impact or falling objects. These skylights should not be walked upon under any circumstances. The owner or designer should restrict access only to authorized personnel who have been adequately cautioned as to the location of the skylights and informed of the warning above, or said owner should provide protective guard rails or screens around the skylights.

Call 800-388-0293 for our binder

Wasco Products, Inc.
cs@wascoproducts.com
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207-216-4562 fax

Eastern Manufacturing Facility:
85 Spencer Drive, Unit A
Wells, ME 04090

Western Manufacturing Facility:
6645 Echo Avenue
Reno, NV 89506

Walkway & Canopy Systems (10 73 16)

- Glazing Options Include Glass, Acrylic, Polycarbonate and Structured Translucent Sheeting
- Quick On-Site Assembly and Installation of Custom Structural Components
- Concealed Fasteners for Easy Installation and Pleasing Look

Walkway & Canopy Systems (10 73 16)

- Glazing Options Include Glass, Acrylic, Polycarbonate and Structured Translucent Sheeting
- Quick On-Site Assembly and Installation of Custom Structural Components
- Concealed Fasteners for Easy Installation and Pleasing Look

Unit Skylights (08 62 00)

- Energy Efficient EcoSky3 Model is IECC 2015 Compliant in All Climate Zones, NFRC Certified
- Domed, Pyramid, Barrel Vault, Circular or Cluster Configurations with Plastic or Glass Glazing
- Blast Resistant, Hurricane Rated, Prismatic, Fall Protection, and ESFR Rated Smoke Vents
- Available with Lumira® Aerogel Panels
- Prefabricated Curbs and Safety Screens Available

Daylighting Solutions wascoskylights.com

Daylight & Energy Analysis

Modeling tools to capture best energy benefits and optimum results.

Wasco offers daylighting and energy modeling services to aid in the prediction of the total amount and distribution of incident light in an environment due to the introduction of natural light. This analysis can also aid in design of a day lit space.

- Consider overall costs for best results
- Energy Analysis will predict the energy losses and savings in a given building due to the addition of skylights
- Skylights in conjunction with lighting controls is the key to maximize your energy savings
- Tools available include AGI32, SkyCalc, Jupiter, and eQuest
Wasco’s cellular, polycarbonate daylighting products are dry glazed systems that are environmentally friendly, sustainable, and energy-efficient. The translucent Horizon System is easy to install and utilizes the industry’s most advanced, high-performance, lightweight multiwall polycarbonate panels that maintain high clarity and provide an outstanding balance of impact strength and stiffness, excellent thermal insulation, UV protection, flame and condensation control, and long-term high light transmission.

• Provides high quality diffused daylighting
• Reduces labor and material costs for skylight, vertical and canopy applications in both new construction and renovation projects
• Excellent UV protection
• Available with Lumira® aerogel fill for increased thermal performance
• Available with or without structural framing
• Capable of a low rise radius for spans from 8’ to substantially larger
Increasing natural daylighting in buildings has long been a goal in architectural design. Studies have shown that people thrive in natural lighting; they’re healthier, happier and more productive. Also, increased daylighting designs are proven to have a positive effects such as:

- Increased productivity
- Increase in sales up to 40%
- Shown to increase learning rates (20-26%)
- Decreases absenteeism
- Promotes a healthier, happier work and educational environment
Wasco Skylights with Lumira® Aerogel

For Superior Thermal Performance!

Wasco skylights with Lumira® aerogel are the highest performing daylighting product available on the market today. Adapting nano technology in Wasco skylights provides practical everyday solutions in fenestration products. Lumira® is able to provide a tremendous thermal insulator that is also environmentally sound. Lumira® permanently stops connective, conductive, and thermal transfer without an appreciable drop in light transmission.

Multiwall Polycarbonate Panel

The industry’s most advanced multiwall polycarbonate sheet. This high-performance, lightweight panel maintains high clarity and provides an outstanding balance of impact strength and stiffness, excellent thermal insulation, UV protection, flame and condensation control, and long-term high light transmission.

Lumira® Aerogel Fill

Lumira aerogel provides superior insulating capabilities. Made of a dry silica particulate, Lumira aerogel is completely recyclable, eco-friendly, non-combustible, and Cradle-to-Cradle certified. It is a lightweight insulation and daylighting solution that repels water, retains its properties under compression, and can enhance design options and aesthetics providing beautifully diffused full spectrum daylight inside the building.

- UV stable multiwall polycarbonate panel
- Superior thermal performance of a typical insulated glass skylight
- Glare-free, full spectrum diffused light
- “Green” product that’s perfect for Cradle to Cradle designs
- Completely moisture resistant
- Will not support growth of mold, mildew, or fungus
- Reduces sound transmission
- Performance will not deteriorate over time

SAFETY CONSIDERATIONS

Wasco skylights are designed to withstand normal elements of the weather. They are not designed to withstand human impact or falling objects. These skylights should not be walked upon under any circumstances. The owner or designer should restrict access only to authorized personnel who have been adequately cautioned as to the location of the skylights and informed of the warning above, or said owner should provide protective guard rails or screens around the skylights.