

Light + Air
North America

KlearSky™ Product Brochure

Metal Framed Glass Skylights





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About Us

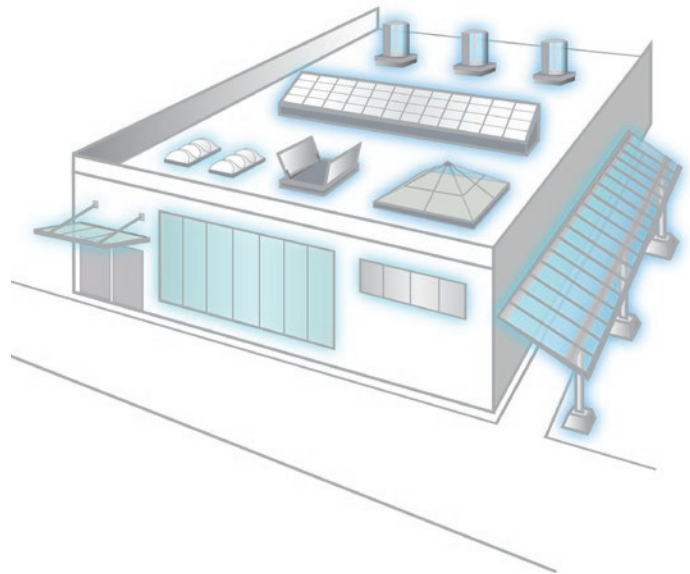
Who We Are

Kingspan Light + Air (KLA) is an award-winning innovator of daylighting solutions for high-performance building envelopes.

We are a pioneer and leader of the daylighting industry, and continually innovate so clients never have to choose between efficiency, style, and safety. And our focus on sustainability is instilled at every level of the company and at every step in the manufacturing process.

Our global team of highly-skilled and experienced professionals and extensive manufacturing capabilities make us a trusted partner in the ever-changing world of modern construction. Together, we leverage our knowledge and expertise to serve as one of the leading daylighting consultants for the architectural community and building industry.

Never Compromise. Always Innovate.



The KLA Advantage

You shouldn't have to compromise your design. We want to enable architects to achieve the highest levels of building performance without sacrificing aesthetics.

This is why we team up with architects, contractors, and building owners to develop the most versatile daylighting systems on the market. We will work with you from design concept through engineering and installation - and beyond - to ensure the highest levels of performance and quality.

Our expansive line-up of daylighting and natural ventilation solutions - from custom skylights and wall systems to tubular daylighting devices to canopies and small unit skylights - means that we can provide you with a system that fits your project's specific needs.



KlearSky™ - Innovation + Dramatic Views



KlearSky™ metal framed skylights are a great way to add daylight and drama to a space. Glass skylights flood a space with light, and can add an aesthetic focal point to entryways, atriums and other well-travelled spaces. They can turn an otherwise dark and uninspiring space into one with eye-catching impact.

KlearSky™ skylights are designed and engineered for long-term durability, and offer a variety of features that can enhance performance and make installation easier, providing you with possible energy savings and less time needed on-site.

Each skylight is custom engineered to fit your project's specific needs. Standard configurations include single slopes, pyramids, polygons, ridges and segmented barrel vaults.

From the most complex designs to the simplest systems, we will work with you to find the best solution for your daylighting needs.





More About Glass Glazing

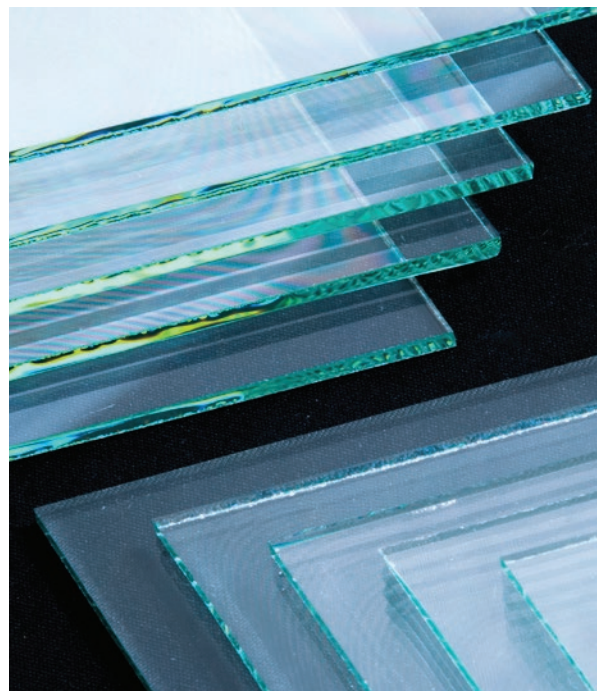
Glass has had a prominent place in architecture for hundreds of years, with early forms dating back to Roman times. And there's good reason why it's still the most popular glazing material – unfettered views of the sky add impact and drama to a space, and make us feel more connected to the outside world.

Glass is also extremely durable, and remains stable when exposed to UV. It's also available in a wide variety of configurations, from low-e to laminated options and much more. And if sustainability is a concern, many glass types are fully recyclable, and glass itself is predominantly made from abundant raw materials like sand.

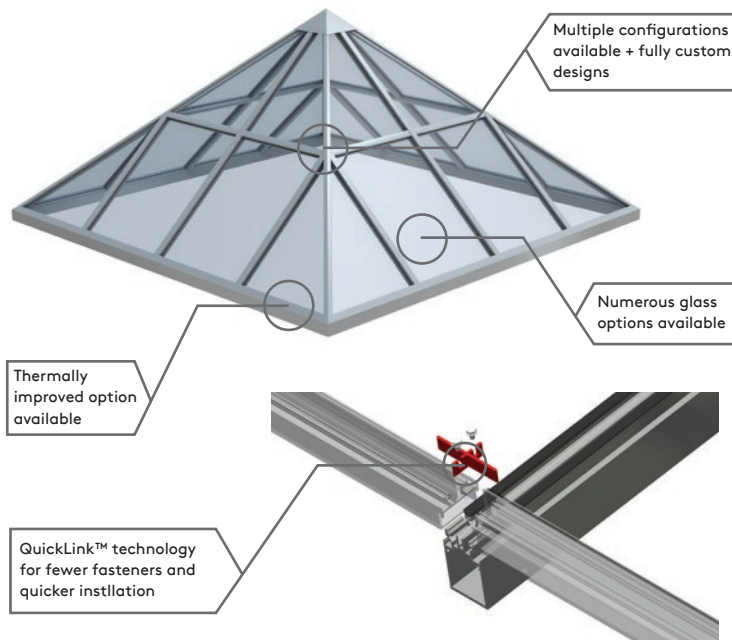
Other Benefits:

- Low maintenance + long lifespan
- UV stable
- High levels of customization
- Excellent for historical settings
- High amounts of light transmission = more natural light

If you're considering a glass skylight for your next project, we encourage you to contact us with any questions. Our team is ready to help you find the best solution for your daylighting challenges.



KlearSky™ Features + System Highlights



KlearSky™ metal framed skylights are designed and engineered with a variety of features and benefits, including:

- QuickLink™ technology for fast and easy installation of purlin connections
- Thermally improved option for enhanced performance
- Single slope, ridge, pyramid and polygon configurations - completely custom designs also available
- Large integral gutter system for moisture management
- Numerous glass options including insulating laminated glass - contact us for options
- Finish options from paint to anodize, with custom options available
- 10 year standard material warranty
- 2 year standard workmanship warranty (limitations apply)

KlearSky™ skylights are available with a wide variety of options, including fully custom shapes and finish colors (plus a wide range of compatible glass options). KlearSky™ can be configured to meet just about any daylighting design challenge.





Benefits of Working with Kingspan Light + Air

Design Assistance

Our team is ready to assist you with your daylighting needs. If you're not sure where to begin, or what the best solution is for your next project, our team of daylighting experts and engineers will work with you to find the right solution. We will walk you through each step of the process, from design to manufacturing to installation and beyond.

Decades of Experience

We're no strangers to metal framed skylights... in fact, our roots run deep in the industry. In recent years, Kingspan Light + Air acquired Bristolite, CPI Daylighting and Major Industries, Inc. - three manufacturers of glass skylight systems. Those team members were the inspiration behind KlearSky™ and their industry expertise and experience allow us to work through your toughest daylighting challenges.

Multiple Manufacturing Locations

Our nationwide network of locations allows us to get materials to you more quickly, no matter where you are in North America. Having multiple manufacturing sites across the United States means that we can get your system on-site with less chance of shipping delays.

Expert Installation

We work with certified installers who have the product training and know-how to install your system the proper way the first time. We'll work with you throughout the process to ensure that the system you receive is functioning properly.

KlearSky™ System Options

Glazing Options

Insulating laminated glass

Laminated glass

Framing Options

Standard

Thermally Improved + Insulated Option

Finish Options

Paint options meeting AAMA 2603/2604/2605

Custom color matching available

Anodize

Additional Options

Removable systems available (contact us for more information)

Custom Designed to Fit Your Project's Unique Needs

No matter what your design goals or site challenges, our team will work with you to find the right KlearSky™ metal framed skylight configuration that best fits your needs and budget. Put our decades of skylight design experience to work for your project by contacting us with questions, concerns and anything else related to glass skylights, and we'll help you to find the right solution.



Our Commitment to Sustainable Design



ENERGY



CARBON



CIRCULARITY



WATER



What is Planet Passionate?

At Kingspan, we want to play our part. We believe advanced materials, building systems and digital technologies hold the key to addressing these issues.

Working in partnership with the industry, and through our new IKON innovation centre in Ireland and our Planet Passionate global sustainability program, we are confident that together we can:

1. Move to a clean energy future
2. Manage the earth's resources more sustainably
3. Protect our natural environment

Planet Passionate is Kingspan's ambitious 10-year global sustainability program which aims to impact three global issues:

- Climate change
- Circularity
- Protection of our natural world

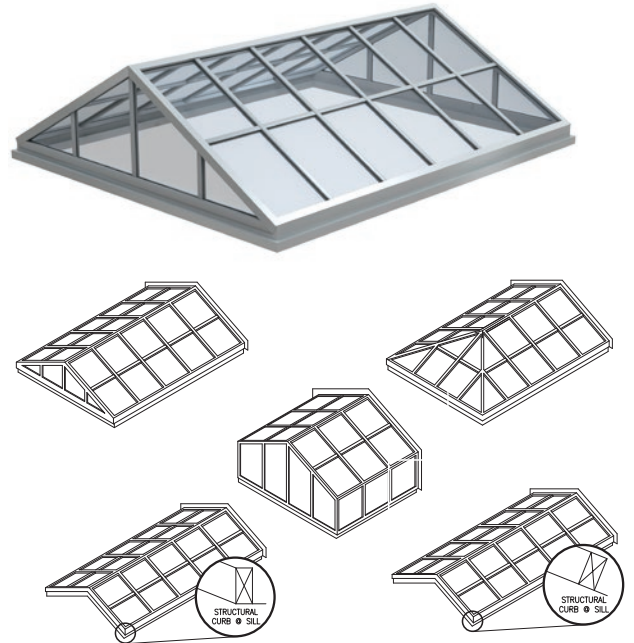
By setting ourselves challenging targets in the areas of energy, carbon, circularity and water, we aim to make significant advances in the sustainability of both our business operations and products.

Learn more about Planet Passionate by visiting <https://www.kingspan.com/us/en/about-us/Planet-Passionate/>.



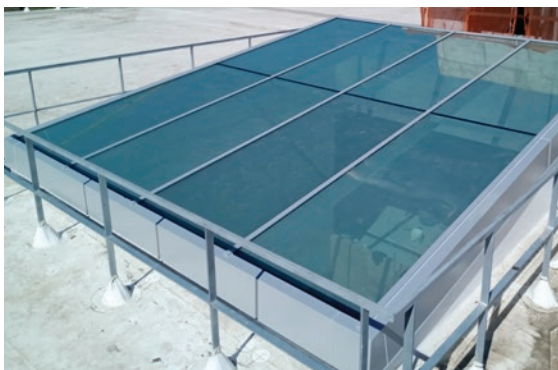
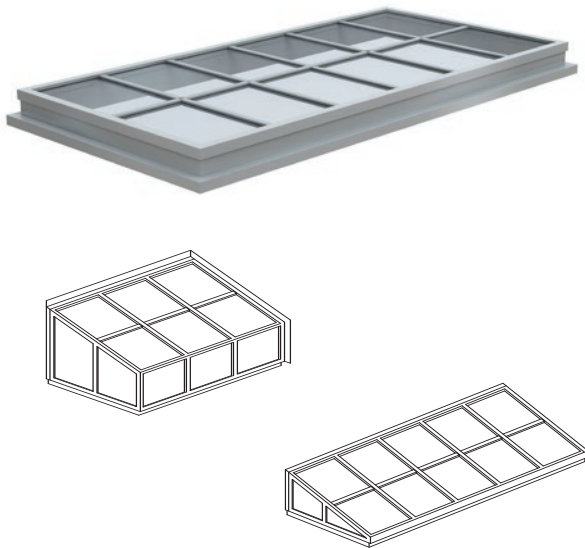
Ridges

KlearSky™ ridge, hipped end ridges and gable end ridges provide a classic look, and can be configured with vertical knee walls for even more light gathering ability. They also excel at long spans.



Single Slopes

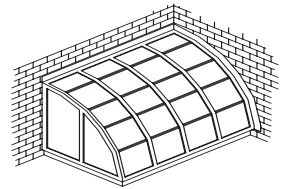
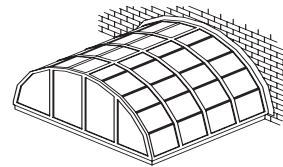
KlearSky™ single slope skylights are simple and versatile, while still providing dramatic views of the sky. Vertical knee wall and gable end configurations are also available.



Design by BLITZ, Photo by Jason O'Rear

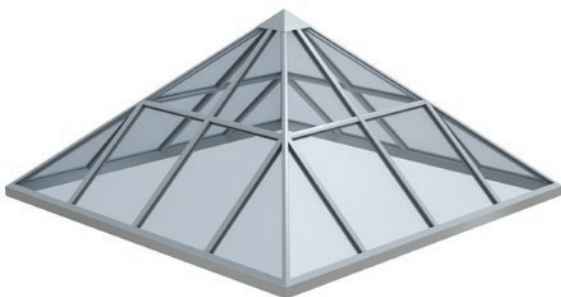
Segmented Barrel Vaults

KlearSky™ segmented barrel vaults provide an impactful and eye-catching element to any space. They also allow light to penetrate from any angle, bringing more natural light into your space throughout the day.



Pyramids + Polygons

KlearSky™ pyramids and polygons also add drama to a space. Whether in standard configurations or unique custom designs, they also excel at gathering light throughout the day.



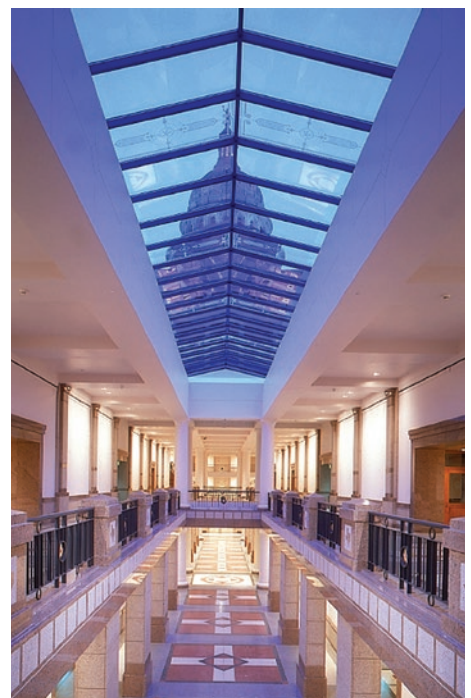
Applications

KlearSky™ metal framed glass skylights fit a wide variety of applications, from atriums to hallways to eating spaces and religious facilities. The following images are just a few examples of how views to the sky can transform a space and turn an otherwise ordinary area into an eye-catching focal point.

Retail + Hospitality



Office + General Commercial



Education Facilities + Learning Environments



Worship Spaces



Multi-family



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For the product offering in other markets please
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Notes

For additional technical information and/or daylighting systems design consultation, contact Kingspan Light + Air for your specific needs. Care has been taken to ensure that the contents of this publication are accurate, but Kingspan Limited and its subsidiary companies do not accept responsibility for errors or for information that is found to be misleading. Suggestions for, or description of, the end use or application of products or methods of working are for information only and Kingspan Limited and its subsidiaries accept no liability in respect thereof.

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