

Metal Framed Skylight

Product Data Sheet

Custom Glass Skylights



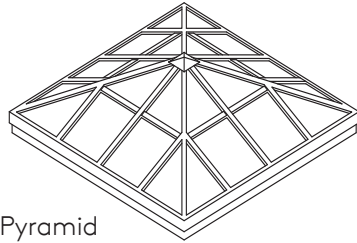
Metal framed skylights

Kingspan Light + Air utilizes state-of-the-art manufacturing facilities, fabricating systems to your exact specifications. Our design and engineering teams have a vast amount of technical experience, and are supported by a fabrication team which is second to none.

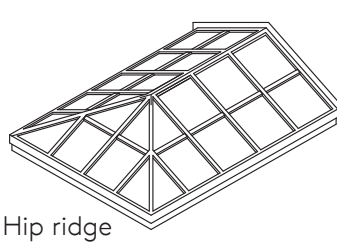
Beyond custom sizes and shapes, we also offer a wide array of glazing options to meet local energy code performance requirements. Additionally, we offer a range of frame finish options including powder coat or Kynar® paint, and standard anodized colors.

Completely installed options with certified installers are also available.

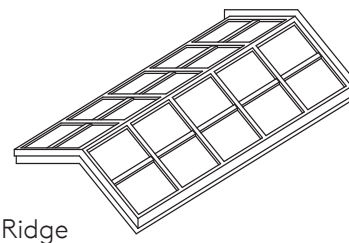
Sample configurations



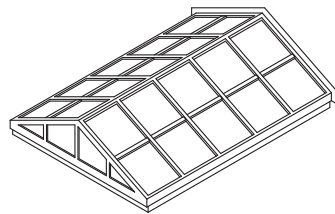
Pyramid



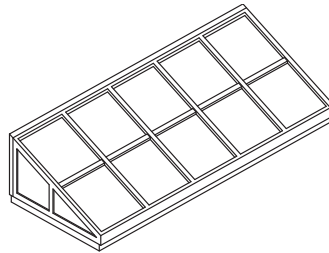
Hip ridge



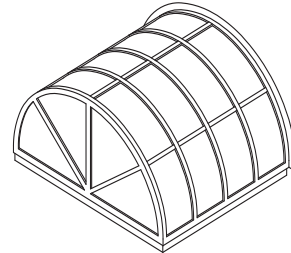
Ridge



Gable ridge



Lean-to



Barrel vault

Technical Specifications

ASTM 283-04 (2012)	Air infiltration < 0.05 cfm/ft ² @ 6.24 psf
ASTM E330/E330M-14	Deflection less than 0.12" @ ±55psf design pressure Permanent set less than 0.01" @ ±82psf uniform load structural pressure
ASTM E331-00	Standard test method using static pressure - no water penetration at 12psf
AAMA 501.1-05	Standard test method using dynamic pressure - no water penetration at 12psf

**Test results based on single slope skylight configuration*

Features

1. Extruded 6063-T5 aluminum frame
2. Aluminum sill closure
3. Curb mounted (CM)
4. EPDM gaskets
5. High performance sealants

Skylight Options

1. Multiple glazing options available, including high performance insulated glass, laminated glass, photovoltaic glass, monochromatic glass, acrylic sheet and polycarbonate
2. Multiple finish options available - paint or anodize
(custom or specialized paint available upon request)

Light Transmittance & Thermal Properties*

Glazing Makeup	VT	SHGC	U-Factor
Glass Glazing	.63-.18	.36-.17	.48-.23

**System values will vary slightly depending on unit size, glazing type and specification. Values listed above are from a single slope configuration with a variety of glass glazing. Contact Kingspan Light + Air for specific information related to your system choices.*

Warranty

For a period of ten (10) years from the date of purchase, Kingspan Light + Air warrants that its Metal Framed Skylights will be free from defects in material and workmanship. Exceptions apply, see 10-year warranty document.

Kingspan Light + Air

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For the product offering in other markets please
contact your local sales representative or visit
www.kingspan.com/us

IMPORTANT SAFETY NOTE:

The owner must take steps to protect personnel who may be in the area of the skylight or smoke vent. The owner should restrict access only to authorized personnel who have been adequately cautioned as to the location of the skylights or smoke vents and informed of the warnings below. Because there is a risk of fall and resulting personal injury, we recommend protective guardrails, internal safety screens or external cages around all skylights and smoke vents, as well as the use of fall restraint systems. We also recommend that skylights and smoke vents are inspected annually for evidence of damage, such as cracks or penetrations. Any damage should be repaired immediately, and the area beneath the skylight or smoke vent should be safeguarded against falling objects.

NOTE:

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.

