



Series 1500 Skylights

Product Data Sheet

Acrylic Pyramid + Double Hipped Unit Skylights

Unit skylights are an excellent tool for delivering natural light into large, open spaces like warehouses, distribution centers, and retail sites. These facilities can benefit from access to daylight as it can make interiors feel more welcoming and comfortable while displacing the need for electric lighting during peak daytime energy use hours.

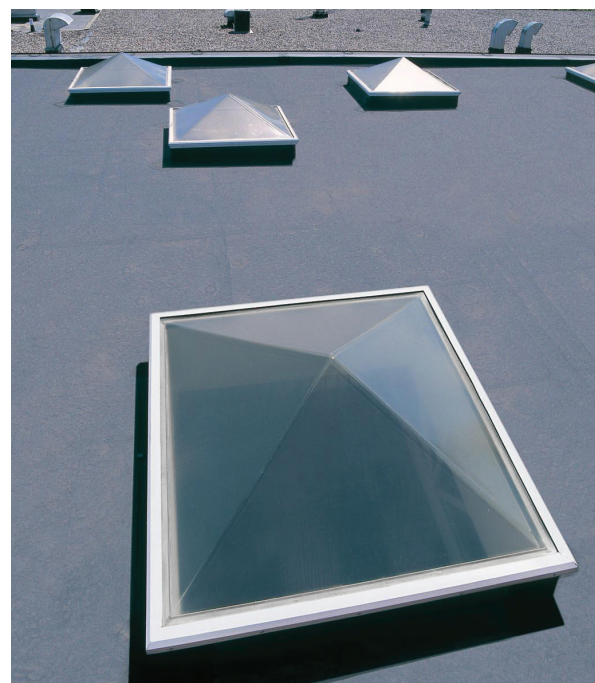
Series 1500 pyramid dome skylights feature a monolithic acrylic design that captures vast amounts of natural light, and they're available in a variety of standard sizes to fit just about any application.

Designed for excellent performance in a wide range of climates, Series 1500 skylights are available in thermally broken and non-thermally broken configurations, and are backed by a 10 year warranty, making them a versatile and durable daylighting solution for your next project.

- Monolithic acrylic pyramid dome design provides excellent durability.
- Glazing options allow for direct views of the sky or even, diffused daylighting, reducing hot spots as well as the need for electric lighting.
- Frame is ideal for all roof types and is available in thermally broken and non-thermally broken configurations.
- Advanced weather seal system is designed to prevent water from entering the system.
- Backed by a 10 year warranty against leaks and glazing discoloration, ensuring dependable performance.

Product Specifications

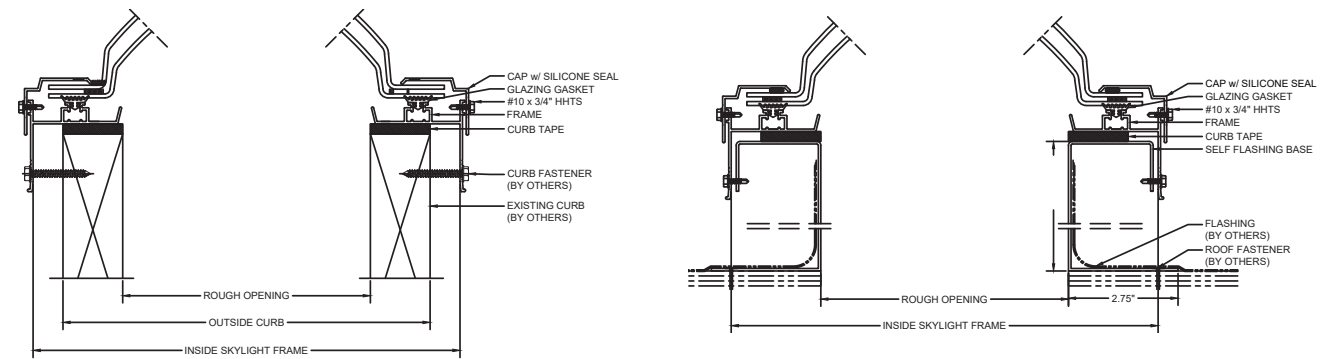
Glazing	Monolithic Acrylic Dome (see p.3 for glazing options and configurations)
System Width + Length	Square Model Sizes from 2424 to 7070 - Rectangular Model Sizes up to 6096 (see chart on p.2 for details)
Maximum Slope	6:12
Standard Glazing Colors	Clear, White, Bronze
Aluminum Finishes	Mill Finish, AAMA 611 Class 1 Clear and Bronze Anodized AAMA 2603, 2604 Polyvinylidene Fluoride (contact us for details)
Material Content	Aluminum: 10% Recycled Content Acrylic: All Virgin Material
Warranty	10 year Material and Workmanship



Dimensions

Model Size	Rough Opening Dimensions	Outside Curb Dimensions	Inside Frame Dimension	Model Size	Rough Opening Dimensions	Outside Curb Dimensions	Inside Frame Dimension
2424	24" x 24"	27" x 27"	28 1/2" x 28 1/2"	3046	30 1/4" x 46 1/4"	33 1/4" x 49 1/4"	34 3/4" x 50 3/4"
3030	30 1/4" x 30 1/4"	33 1/4" x 33 1/4"	34 3/4" x 34 3/4"	3069	30 1/4" x 69 1/2"	33 1/4" x 72 1/2"	34 3/4" x 74"
3737	37" x 37"	40" x 40"	41 1/2" x 41 1/2"	3746	37" x 46 1/4"	40" x 49 1/4"	41 1/2" x 50 3/4"
4242	42" x 42"	45" x 45"	46 1/2" x 46 1/2"	3775	37" x 75"	40" x 78"	41 1/2" x 79 1/2"
4646	46 1/4" x 46 1/4"	49 1/4" x 49 1/4"	50 3/4" x 50 3/4"	3859	38" x 59"	41" x 62"	42 1/2" x 63 1/2"
4848	48" x 48"	51" x 51"	52 1/2" x 52 1/2"	4669	46 1/4" x 69 1/2"	49 1/4" x 72 1/2"	50 3/4" x 74"
5555	55" x 55"	58" x 58"	59 1/2" x 59 1/2"	4689	46 1/4" x 89 1/2"	49 1/4" x 92 1/2"	50 3/4" x 94"
6060	60" x 60"	63" x 63"	64 1/2" x 64 1/2"	4884	48" x 84"	51" x 87"	52 1/2" x 88 1/2"
7070 ¹	70 1/4" x 70 1/4"	73 1/4" x 73 1/4"	74 3/4" x 74 3/4"	4896	48" x 96"	51" x 99"	52 1/2" x 100 1/2"
				6096 ¹	60" x 96"	63" x 99"	64 1/2" x 100 1/2"

¹ Not available with Clear Multiwall Polycarbonate (C16)



Base Options

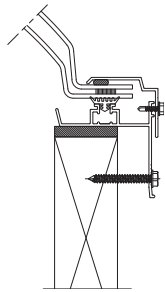
CM: Curb mounted skylight requires use of sealant or customer supplied foam tape to seal to curb

CT: Curb mounted skylight with EPDM foam tape to seal against curb

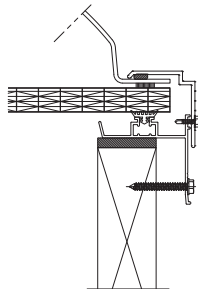
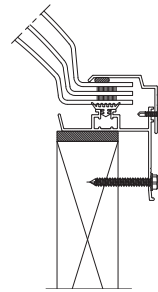
SF: Self-Flashing Base constructed of 0.063" to 0.125" aluminum (non-structural curbs).

Si: Self-Flashing base with 1" insulation - available with or without Wood Nailer (WN)

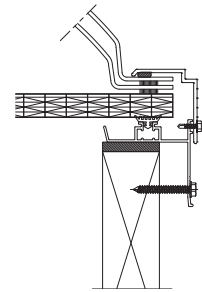
Dome Configurations



Double Dome

Double Glazed with 16mm
Polycarbonate Multi-wall

Triple Dome

Triple Glazed with 16mm
Polycarbonate Multi-wall

Technical Specifications

IBC Section 2606.4

ASTM D1929
ASTM D635Self-ignition Temperature: $\geq 650^{\circ}\text{F}$
Smoke-developed Index: ≤ 450
Smoke Density Rating: ≤ 75
Combustion Classification: CC1 for Polycarbonate / CC2 for Acrylic

Example Model Number

4896-KS14-SF-1-WTM/CC-MF-12-WN/TB

Size Reference		Model		Base		# of Domes		Glazing		Frame Finish		Base Height		Options
4896	-	KS15	-	SF	-	1	-	WTM/CC	-	MF	-	12	-	WN/TB

Models

1. KS15 – Non-Thermally Broken Series 1500 Skylight
2. KT15 – Thermally Broken Series 1500 Skylight

Base Options

1. CM – Curb Mount
2. CT – Curb Mount w/Tape
3. SF – Self Flashing
4. Si – Self Flashing w/Insulation
5. LV – Louvered Base
6. LS – Louvered Self Flashing Base

Glazing

1. BT - Bronze Monolithic Acrylic
2. CC - Clear Monolithic Acrylic
3. WTM - White Monolithic Acrylic
4. C16 - Clear 16mm Multi-wall Polycarbonate

Frame Finish

1. MF – Mill Finish
2. CA – Clear Anodized
3. BA – Bronze Anodized
4. WP - White Paint
5. KY – Custom Kynar Finish

SF Base Height

1. 9 - 9"
2. 12 - 12"
3. Custom up to 24"

Options

1. WN – Wood Nailer
2. DW – Double Wall
3. WDW – Welded Double Wall
4. TB – Termination Bar
5. IS – Insect Screen [Vortex Base]
6. DH - Double Hipped

Warranty

For a period of ten (10) years from the date of purchase, Kingspan Light + Air warrants that the Series 1500 skylight will be free of defects in material and workmanship and there will be no uncontrolled water leakage through the commercial fixed curb mount or self flashed skylight. Exceptions do apply. Please see full 10-Year warranty document for more details.

Accessories*

Series 5100 Security Grills

Size Limitations: 92" model size width, no limit on length

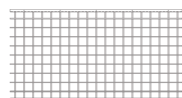
Configurations

1. SG-1: 5" Parallel line spacing*
2. SG-2: 5" x 16" Grid spacing*
3. SG-3: 5" x 5" Grid spacing*
4. SG-4: 8" x 8" Grid spacing

* As required by security codes in many jurisdictions.



SG-1



SG-3



SG-2



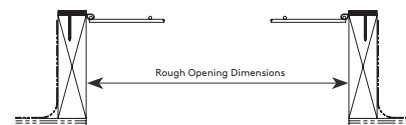
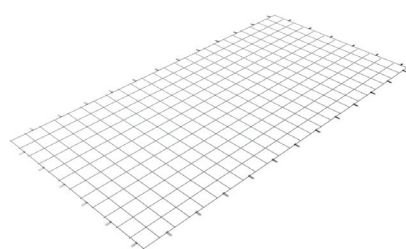
SG-4

Series 5200 Internal Safety Screens

Size Limitations: 72" model size width, 120" model size length

Features

1. 0.162"Ø galvanized steel wire mesh
2. 4" Grid pattern
3. Corrosion resistant connecting clips
4. EPDM curb seal tape



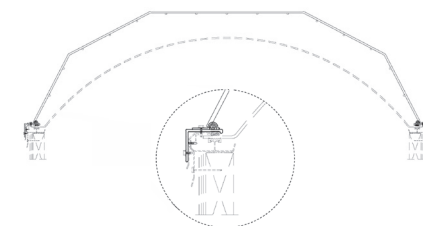
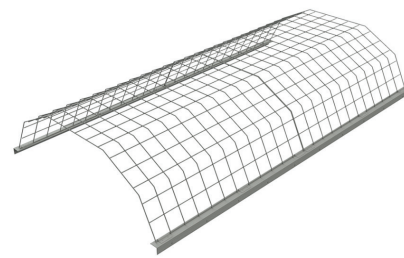
Rough Opening Dimensions

Series 5300 Safety Cage

Size Limitations: 92" model size width, no limit on length

Features

1. .225"Ø nominal galvanized steel wire mesh
2. 4" Grid pattern
3. Corrosion resistant connecting clips and angle brackets



* Contact Kingspan Light + Air for additional information on Series 5100, 5200 and 5300 options and availability. You can also find more information at <https://www.kingspan.com/us/en/products/roof-safety-products/>.

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.

Kingspan Light + Air

North American Headquarters
28662 N. Ballard Dr.
Lake Forest, IL 60045
Toll Free: +1 800 759 6985
T: +1 847 816 1060
E: info@kingspanlightandair.us
www.kingspanlightandair.us



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