



Series 1200 Skylights

Product Data Sheet

Polycarbonate Unit Skylights

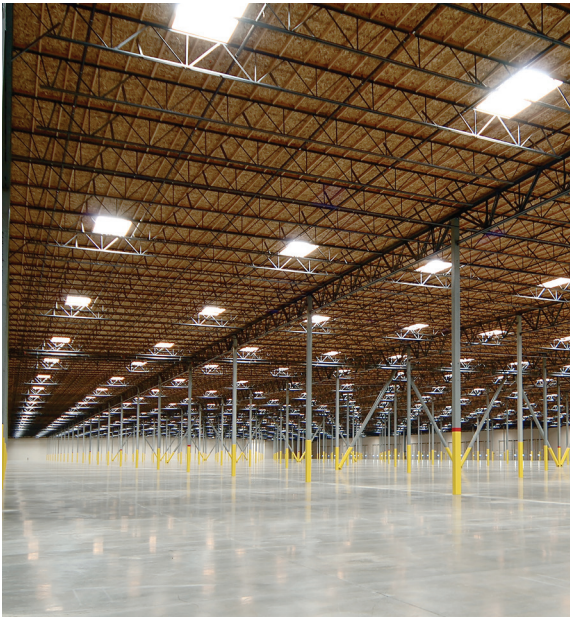
Unit skylights are an excellent tool for bringing natural light into large, open spaces like warehouses, distribution centers, and retail sites. These facilities can benefit from access to daylight as it can make interiors feel more welcoming and comfortable while also reducing the need for electric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

Series 1200 skylights feature a polycarbonate dome design that allows for enhanced strength and excellent light gathering compared to traditional designs. They're available in a variety of standard sizes to fit just about any application, and offer single, double or triple glazed configurations.

Designed for excellent performance in a wide range of climates, Series 1200 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.

- Dome design with multiple ridges provides durability and excellent light gathering performance.
- Glazing allows for even, diffused daylighting, eliminates hot spots and can reduce the need for electric lighting.
- Systems are pre-assembled and ready to install.
- Frame is ideal for all roof types and is available in thermally broken and non-thermally broken configurations.
- 10 year warranty against leaking and yellowing of glazing.

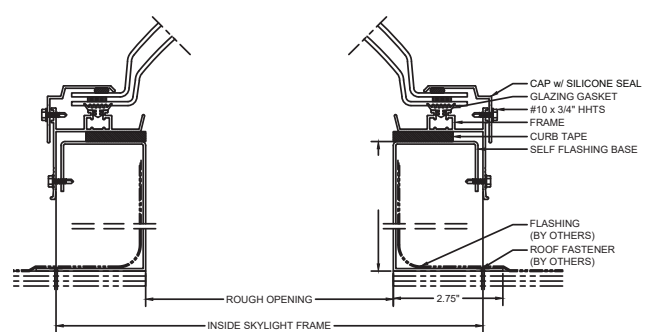
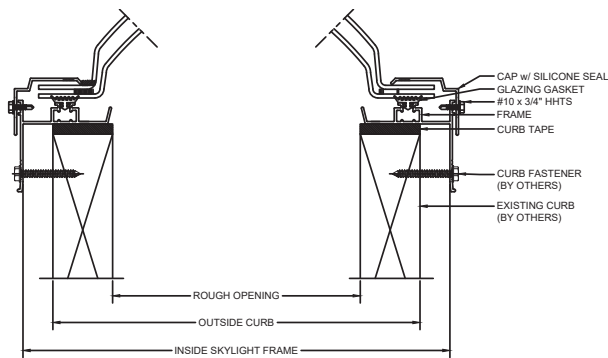
Product Specifications	
Glazing	Monolithic Polycarbonate Outer Dome Prismatic Polycarbonate Inner Dome (see p.3 for glazing options and configurations)
System Width + Length	24" to 72" wide - lengths from 24" up to 120" (see chart on p.2 for details)
Maximum Slope	6:12
Standard Glazing Colors	Clear, White
Aluminum Finishes	Mill Finish, AAMA 611 Class 1 Clear and Bronze Anodized AAMA 2603, 2604 polyvinylidene fluoride
Material Content	Aluminum: 10% Recycled Content Polycarbonate: All Virgin Material
Warranty	10 year Material and Workmanship



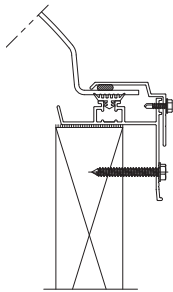
Dimensions

Model Size	Rough Opening Dimensions	Outside Curb Dimensions	Inside Frame Dimensions	Model Size	Rough Opening Dimensions	Outside Curb Dimensions	Inside Frame Dimensions	Model Size	Rough Opening Dimensions	Outside Curb Dimensions	Inside Frame Dimensions
3636	36" x 36"	39" x 39"	40 1/2" x 40 1/2"	2448	24" x 48"	27" x 51"	28 1/2" x 52 1/2"	4783	47" x 83"	50" x 86"	51 1/2" x 87 1/2"
4848	48" x 48"	51" x 51"	52 1/2" x 52 1/2"	2496	24" x 96"	27" x 99"	28 1/2" x 100 1/2"	4860	48" x 60"	51" x 63"	52 1/2" x 64 1/2"
6060 ¹	60" x 60"	63" x 63"	64 1/2" x 64 1/2"	24120	24" x 120"	27" x 123"	28 1/2" x 124 1/2"	4872	48" x 72"	51" x 75"	52 1/2" x 76 1/2"
				3660	36" x 60"	39" x 63"	40 1/2" x 64 1/2"	4896	48" x 96"	51" x 99"	52 1/2" x 100 1/2"
				3672	36" x 72"	39" x 75"	40 1/2" x 76 1/2"	48120 ¹	48" x 120"	51" x 123"	52 1/2" x 124 1/2"
				3696	36" x 96"	39" x 99"	40 1/2" x 100 1/2"	6072 ¹	60" x 72"	63" x 75"	64 1/2" x 76 1/2"
				36120 ¹	36" x 120"	39" x 123"	40 1/2" x 124 1/2"	6096 ¹	60" x 96"	63" x 99"	64 1/2" x 100 1/2"

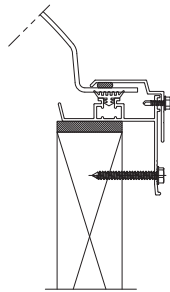
¹ Not available with Clear Multiwall Polycarbonate (C16)



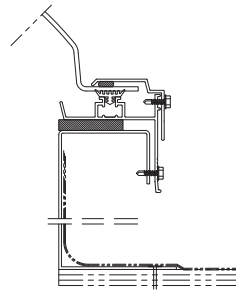
Base Options



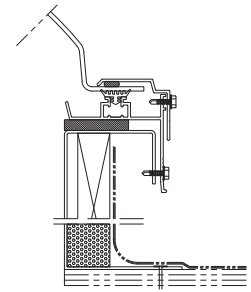
CM: Curb mounted skylight requires use of sealant or customer supplied foam tape to seal to curb



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

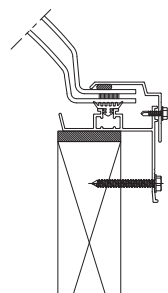


SF: Self-Flashing Base constructed of 0.063" to 0.125" aluminum (non-structural curbs).

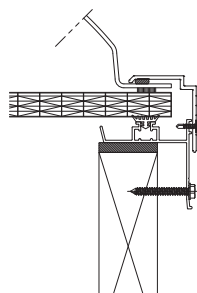


Si: Self-Flashing base with 1" insulation - available with or without Wood Nailer (WN)

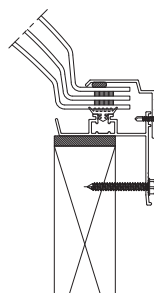
Dome Configurations



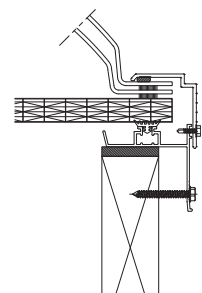
Double Dome



Double Glazed with 16mm Polycarbonate Multi-wall



Triple Dome



Triple Glazed with 16mm Polycarbonate Multi-wall

Technical Specifications

IBC 2024: Section 2606

ASTM D1929
ASTM D635

Combustion Classification: CC1

Example Model Number

4896-KT12-Si-2-CPC/WPP-MF-12-WN/TB

Size Reference		Model		Base		# of Domes		Glazing		Frame Finish		Base Height		Base Options
4896	-	KT12	-	Si	-	2	-	CPC/WPP	-	MF	-	12	-	WN/TB

Models

1. KS12 – Standard Series 1200 Skylight
2. KT12 – Thermally Broken Series 1200 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 – Vortex Venting Base (Curb Mount)
6. LS – Self Flashing Vortex Venting Base

Glazing (See Glazing Chart below for configuration examples)

1. Outer Dome
 - a. WPC - White Polycarbonate
 - b. CPC - Clear Polycarbonate
2. Middle and Inner Domes
 - a. WPP - White Prismatic Polycarbonate
 - b. CPP - Clear Prismatic Polycarbonate
 - c. LC - Laminated Clear
 - d. 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. 6 - 6"
2. 9 - 9"
3. 12 - 12"
4. Custom up to 24"

Base Options

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

Series 1200 Glazing Chart

Glazing Configuration	Outer Dome	Middle Dome	Inner Dome
WPC	White	-	-
CPC/CP	Clear	-	Clear Prismatic
CPC/WPP	Clear	-	White Prismatic
WPC/WPP	White	-	White Prismatic
WPC/C16	White	-	Clear 16mm
CPC/C16	Clear	-	Clear 16mm
CPC/CP/WPP	Clear	Clear Prismatic	White Prismatic
WPC/CP/WPP	White	Clear Prismatic	White Prismatic
WPC/WPP/C16	White	White Prismatic	Clear 16mm
WPC/CP/C16	White	Clear Prismatic	Clear 16mm

*Additional options may be available - contact KLA for more information.

Warranty

For a period of ten (10) years from the date of purchase, Kingspan Light + Air warrants that Series 1200 polycarbonate skylights 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. This warranty also includes coverage against documented 2" hail stones or smaller as well as cracking or crazing of polycarbonate dome material that would result in a water leak. Exceptions apply, see 10-year warranty document.

Accessories*

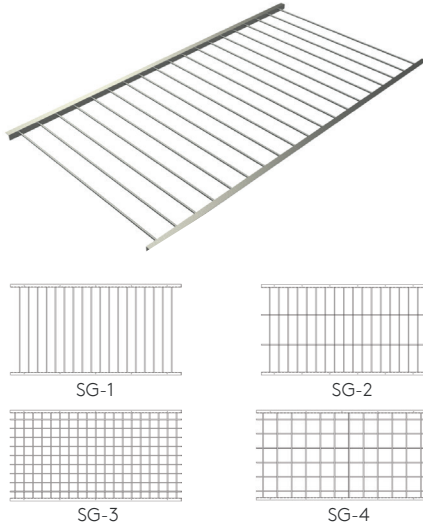
Series 5100 Security Grills

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.

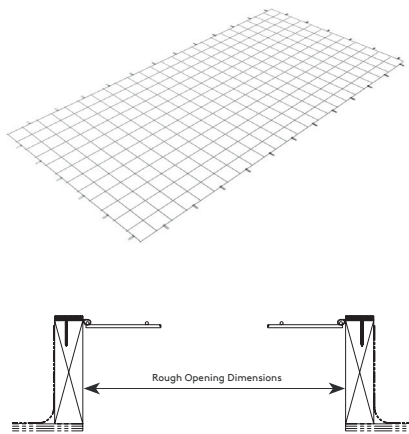


Series 5200 Internal Safety Screens

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

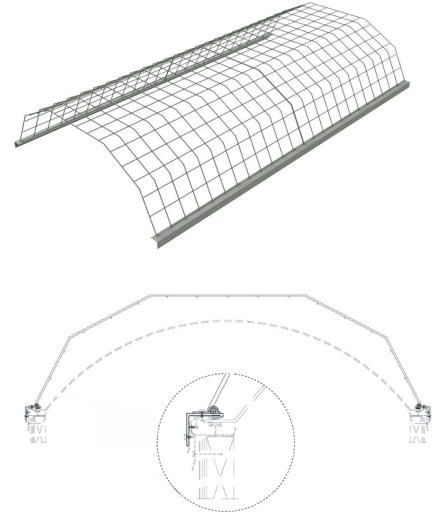


Series 5300 Safety Cage

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.

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