



# Series 1200 Skylights

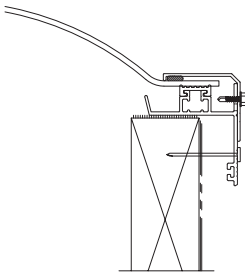
## Product Data Sheet

Polycarbonate Unit Skylights

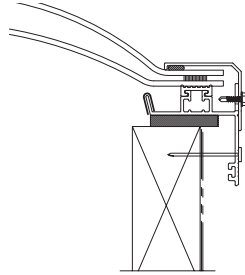


# Application

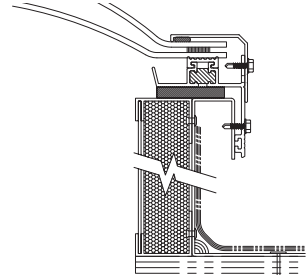
The skylight shall be fully factory assembled consisting of a polycarbonate dome with a CC1 classification that is sealed by interior and exterior gaskets. The skylight frame is fabricated from 6063-T5 heliarc welded aluminum which has an integral condensate channel. The aluminum retaining cap fasteners are corrosion resistant. A polyurethane thermal break material is utilized in the thermally broken curb frame to prevent thermal losses through the frame and the formation of condensation on its interior surfaces. The thermally broken self flashing base is fabricated from aluminum with a 2-3/4" roof nailing flange and 1" of insulation inside a PVC frame with a white aluminum liner on the interior. The insulated aluminum self flashing curb has a 2-3/4" roof nailing flange and is available in curb heights from 4".



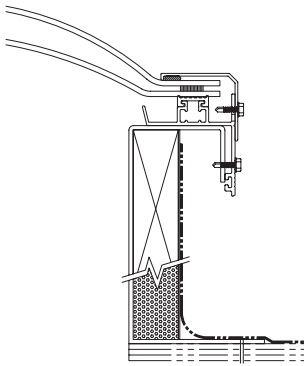
**AL** - Aluminum framed skylight. Available as curb mounted or self flashing.



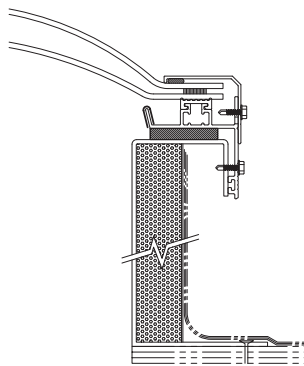
**ALB** - Aluminum framed skylight with Polyvinyl Chloride (PVC) thermal barrier. Available as curb mounted only. (Shown with optional curb seal tape)



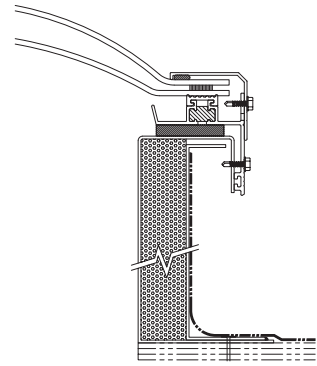
**ALT** - Thermally broken aluminum framed skylight. Available as curb mounted or self flashing. (Self flashing model shown)



**ALI** - Aluminum framed skylight with insulated base. Available as self flashing only. (Shown with optional wood nailer and aluminum double wall)

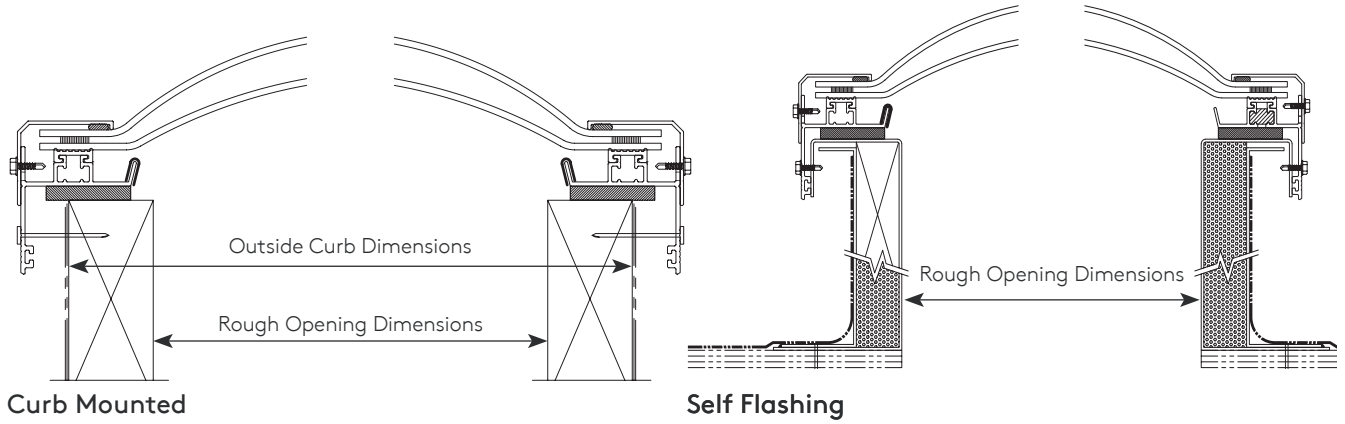


**ALIB** - Aluminum framed skylight with Polyvinyl Chloride (PVC) thermal break and insulated base. Available as self flashing only. (Shown with optional curb seal tape and aluminum double wall)



**ALIT** - Thermally broken aluminum framed skylight with insulated base. Available as self flashing only. (Shown with optional curb seal tape and aluminum welded double wall)

# Dimensions



Model Size	Rough Opening Dimensions	Outside Curb Dimensions	Model Size	Rough Opening Dimensions	Outside Curb Dimensions	Model Size	Rough Opening Dimensions	Outside Curb Dimensions
3636	36" x 36"	39" x 39"	2448	24" x 48"	27" x 51"	4783	47" x 83"	50" x 86"
4848	48" x 48"	51" x 51"	2496	24" x 96"	27" x 99"	4860	48" x 60"	51" x 63"
6060 <sup>1</sup>	60" x 60"	63" x 63"	24120 <sup>2</sup>	24" x 120"	27" x 123"	4872	48" x 72"	51" x 75"
7272 <sup>1,2</sup>	72" x 72"	75" x 75"	3660	36" x 60"	39" x 63"	4896	48" x 96"	51" x 99"
			3672	36" x 72"	39" x 75"	48120 <sup>1,2</sup>	48" x 120"	51" x 123"
			3696	36" x 96"	39" x 99"	6072 <sup>1</sup>	60" x 72"	63" x 75"
			36120 <sup>1,2</sup>	36" x 120"	39" x 123"	6096 <sup>1,2</sup>	60" x 96"	63" x 99"
						60120 <sup>1,2</sup>	60" x 120"	63" x 123"

<sup>1</sup> Not available with Clear Multiwall Polycarbonate (C16MMMWW)

<sup>2</sup> Only available in heavy duty "ALHD" frame.

# Technical Specifications

## Combustion Classification

CC1

### Example Model Number

4896-ALI-SF-1-WPC-MF-12-INS-WN

### Features

1. Extruded 6063-T5 mill finish aluminum frame
2. Curb mounted (CM), Curb mounted with EPDM tape (CMT) or Self flashing (SF)
3. Polycarbonate glazing
4. Radial Triarch or Skywave shaped glazing
5. 2-3/4" nailing flange (self flashing models only)
6. Santoprene thermoplastic gaskets
7. Black butyl retainer cap sealant
8. Polyurethane glazing sealants

### Skylight Options

1. Three skylight frame designs:
  - a. Extruded aluminum frame (AL)
  - b. Extruded aluminum frame with thermal barrier material (ALB)
  - c. Poured & debridged thermally broken extruded aluminum frame (ALT)
2. Single (1) double (2) or triple (3) glazed
3. Standard glazing options:
  - a. Clear monolithic polycarbonate (CPC)
  - b. White monolithic polycarbonate (WPC)
  - c. Clear prismatic polycarbonate (CPP)
  - d. White prismatic polycarbonate (WPP)
  - e. Clear multiwall polycarbonate (C16MMMWW)
  - f. Opal multiwall polycarbonate (O16MMMWW)

### Self Flashing Curb Options

1. Curb heights\*:
  - a. 4"
  - b. 9"
  - c. 12"

\*Custom heights available upon request
2. Insulated curb (INS)
3. Wood nailer (WN)
4. Non-welded double wall (DW)
5. Welded double wall (WDW)
6. Aluminum termination bar (TB)

### Accessories

1. Roof Safety
  - a. External safety cages (SCAGE)
  - b. Safety screens (SSCRN)
  - c. Security grills (SG)

### 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.

### 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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MKT-PDS-1200-2401

