

# Series 1100 Polycarbonate Unit Skylight



## Features

- Unique Kingspan Advanced Technology (KAT) dome design with multiple ridges provides durability and enhanced performance by allowing light to penetrate at lower angles.
- Glazing allows for even, diffused daylighting, eliminates hot spots and can reduce the need for electrical lighting.
- Frame is ideal for all roof types and is available in thermally broken and non-thermally broken configurations.
- Achieves strong thermal performance without use of toxic fillers.
- 10 year warranty against leaking and yellowing of glazing.

## Technical Specifications

Combustion  
Classification

CC1

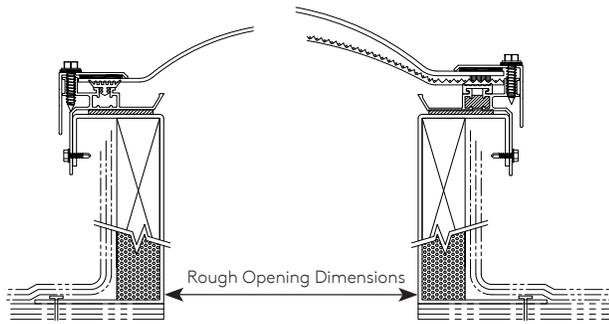
IBC 2018

ICC report ESR 4776

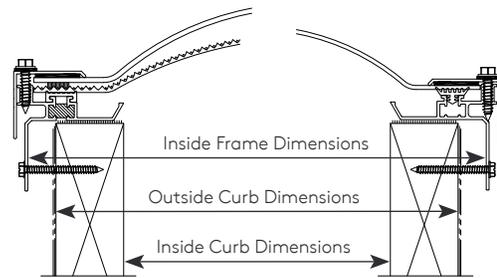
## Dimensions

Model Size	Inside Curb Dimensions	Outside Curb Dimensions	Inside Frame Dimensions
4848	48" x 48"	51" x 51"	52-1/4" x 52-1/4"
4896	48" x 96"	51" x 99"	52-1/4" x 100-1/4"
6072	60" x 72"	63" x 75"	64-1/4" x 76-1/4"

## Details



Self Flashing



Curb Mounted

## Glazing Options

1. Single (1), double (2) and triple (3) glazed
2. Standard glazing options:
  - a. Outer dome
    - i. Clear or white monolithic polycarbonate
    - ii. White prismatic polycarbonate (single dome only)
  - b. Inner dome
    - i. Clear or white prismatic acrylic

### Special glazing options:

1. Infrared reflective acrylic
2. Clear or opal multiwall polycarbonate flat panel

## Glazing Table

	U-Factor	SHGC	VLT
<b>Single Dome</b> White prismatic polycarbonate	1.29	0.63	68%
<b>Double Dome</b> Clear polycarbonate / white prismatic acrylic	0.78	0.53	53%
<b>Triple Dome</b> White polycarbonate / White prismatic acrylic / Opal 16mm polycarbonate	0.45	0.26	18%

NOTE: Additional configurations can be found on the NFRC Certified Products Directory at [nffc.org](http://nffc.org). SHGC and U-factor results are NFRC-certified, VLT values are for center of glass. Values shown reflect thermally broken frame.

### Warranty

For a period of ten (10) years from the date of purchase, Kingspan Light + Air warrants that Polycarbonate skylights will be free from defects in material and workmanship and that no water will leak through the commercial curb top 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.

### 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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