

# EcoSky Technical Information

## Energy Efficient Unit Skylights

### Performance

**IBC Section 2405.5 Unit Skylight Compliance:**

**North American Fenestration Standard:**

**AAMA/WDMA/CSA 101/I.S.2/A440**

**Air infiltration:** <0.01 @ 6.27 psf per ASTM E283

**Water Penetration:** 15 psf per ASTM E547 and ASTM E331

**Design Pressure:** Varies with size

**IBC Section 2606.4 Light Transmitting Plastics:**

Dome Acrylic Glazings:		
Self-Ignition Temperature	ASTM D1929	850 deg. F
Smoke Density	ASTM D2843	6.4
Combustibility Classification	ASTM D635	CC2

### Standard Info

#### Finishing:

Frame: White PVC

Retainer: Mill. Other finishes also available, contact factory for information.

#### Glazing:

Double Dome: Satin Sky 2 Infrared Blocking Outer Dome over Clear Inner Dome.

Triple Dome: Satin Sky 2 Infrared Blocking Outer Dome over Clear over Clear or Satin Ice Inner Domes.

### NFRC Certified Performance

Product	Glazing	U-Factor	SHGC	NFRC CPD#
CEC2, CFC2 - Double Dome Curb-Mount	Satin Sky 2 / Clear, Optional Pyramid Outer	0.61	0.45	WPC-A-9-00007-00001
CEC3 - Triple Dome Curb-Mount	Satin Sky 2 / Clear / Clear	0.46	0.37	WPC-A-9-00008-00001
CEC3 - Triple Dome Curb-Mount	Satin Sky 2 / Clear / Satin Ice	0.46	0.35	WPC-A-9-00010-00001
CED2, CFD2 - Double Dome Deck-Mount	Satin Sky 2 / Clear, Optional Pyramid Outer	0.66	0.45	WPC-A-8-00004-00001
CED3 - Triple Dome Deck-Mount	Satin Sky 2 / Clear / Clear	0.50	0.37	WPC-A-8-00005-00001
CED3 - Triple Dome Deck-Mount	Satin Sky 2 / Clear / Satin Ice	0.50	0.36	WPC-A-8-00008-00001

VT is not part of the NFRC certification protocol.



Skylights pose an inherent risk of injury or death from fall throughs, and the safety of others is of the utmost importance to VELUX. VELUX recommends that the customer, building owner or manager use additional protection with the skylight such as an exterior or interior safety cage, to enhance long-term safety. The building owner or manager is responsible for providing fall protection around the skylight in accordance with OSHA regulations. VELUX also recommends that the building owner or manager restrict roof access only to personnel who have been cautioned as to the location of the skylights, and warned not to sit, step or walk on the skylights.

### Standard Sizes (Custom Sizes Available)

#### Curb-Mount

- CEC2 - Double Dome Satin Sky 2 over Clear
- CFC2 - Double Dome Satin Sky 2 over Clear, Pyramid Outer
- CEC3 - Triple Dome Satin Sky 2 over Clear over Clear
- CEC3 - Triple Dome Satin Sky 2 over Clear over Satin Ice

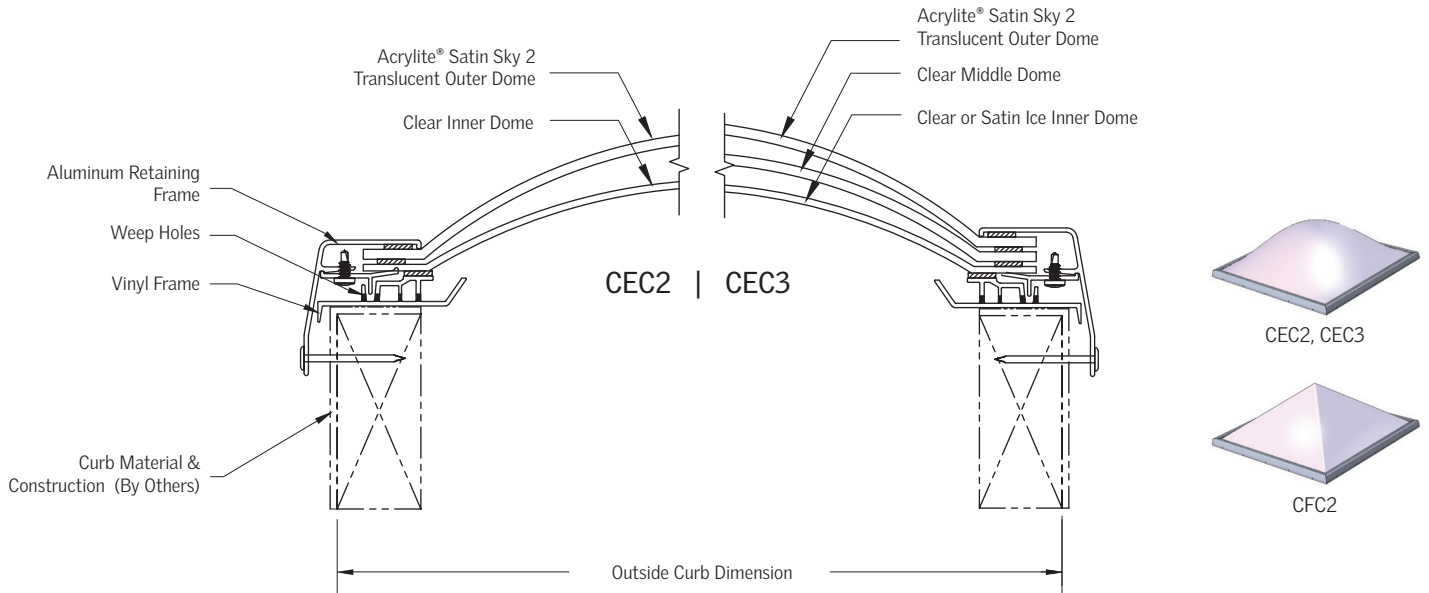
#### Deck-Mount

- CED2 - Double Dome Satin Sky 2 over Clear
- CFD2 - Double Dome Satin Sky 2 over Clear, Pyramid Outer
- CED3 - Triple Dome Satin Sky 2 over Clear over Clear

Size	Curb-Mount Outside Dimension of Curb	Deck-Mount Rough Opening
2828	25 ¼" x 25 ¼"	22 ¼" x 22 ¼"
2852	25 ¼" x 49 ¼"	22 ¼" x 46 ¼"
3636	33 ¼" x 33 ¼"	30 ¼" x 30 ¼"
3652	33 ¼" x 49 ¼"	30 ¼" x 46 ¼"
4242	40" x 40"	37" x 37"
4280	40" x 78"	37" x 75"
5252	49 ¼" x 49 ¼"	46 ¼" x 46 ¼"
5276	49 ¼" x 72 ½"	46 ¼" x 69 ½"
5296	49 ¼" x 92 ½"	46 ¼" x 89 ½"
5555	51" x 51"	48" x 48"
55102	51" x 99"	48" x 96"
6060	58" x 58"	55" x 55"
6476	60 ½" x 72 ½"	57 ½" x 69 ½"
6496	60 ½" x 92 ½"	57 ½" x 89 ½"

# EcoSky Technical Information

## EcoSky Double or Triple Dome Curb-Mount



## EcoSky Double or Triple Dome Deck-Mount

