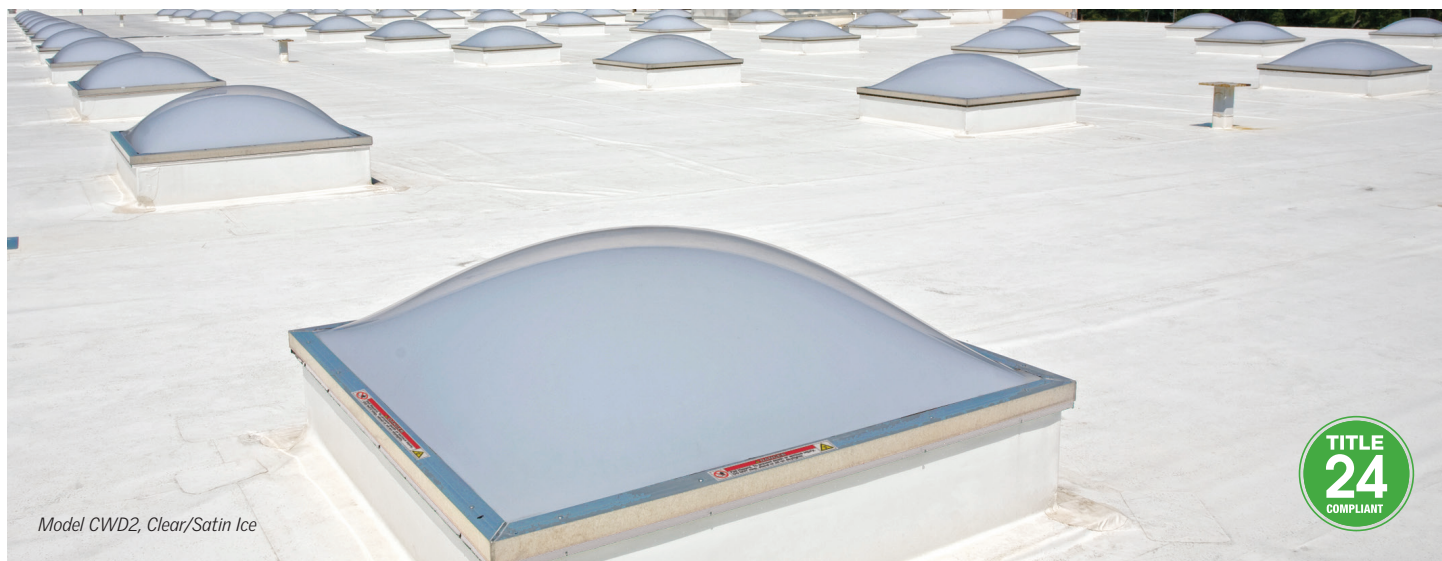


# Traditional Unit Technical Information

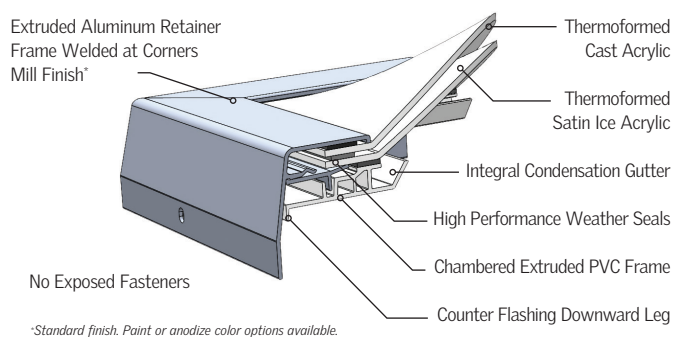
## Title 24 Compliant Acrylic Domed Unit Skylight



Thanks to the revolutionary new Satin Ice white acrylic, Wasco's new Clear over Satin Ice glazing combination complies with Title 24 prescriptive values for nonresidential buildings. Not only does this acrylic offer a high light transmission, it also has outstanding diffusion, eliminating hotspots. Given these two qualities, you can now provide more light with fewer skylights.

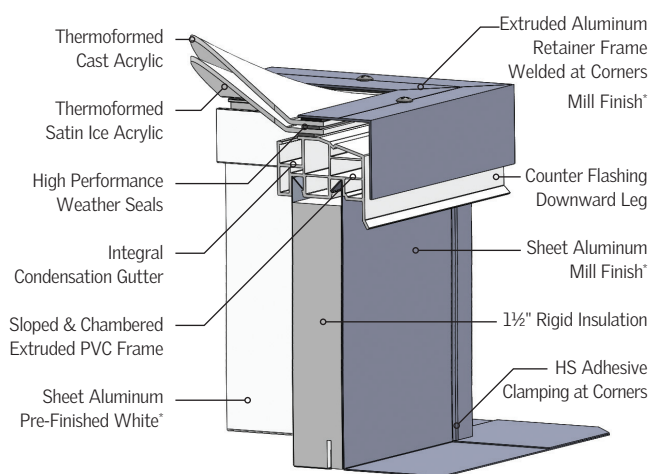
- Curb mount for use on 1½" thick site-built or prefabricated curbs
- Deck-mount models with 1½" rigid insulation in 12" or 16" curbs
- Available in standard and custom sizes, domed or pyramid shapes
- Safety screens recommended

### Curb-Mount (CWC2) For Use on 1½" Site-Built or Prefab Curbs



### Deck-Mount (CWD2)

Integral Curb Heights of 12" or 16"



\*Standard finish. Paint or anodize color options available.



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.

# Traditional Unit Technical Information

## Title 24 Compliant Acrylic Domed Unit Skylight

### 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

### NFRC Certified Performance:

CPD - WPC-A-9-00009-00001

CWC2 – Curb-Mount

U-factor = 0.61

SHGC = 0.58

VT = 65%

CPD - WPC-A-8-00007-00001

CWD2 – Deck-Mount

U-factor = 0.66

SHGC = 0.59

VT = 65%

### Standard Info

#### Finishing:

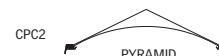
Frame: White PVC

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

#### Glazing:

Clear cast acrylic over Satin Ice (white) cast acrylic.

### Curb Mount Glazing Options

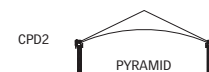


Outer: Clear – Inner: Satin Ice

### Standard Sizes (Custom Sizes Available)

Model/Size	O.D. of Curb	Model/Size	O.D. of Curb
2828	25 1/4" x 25 1/4"	55102	51" x 99"
2852	25 1/4" x 49 1/4"	6060	58" x 58"
3636	33 1/4" x 33 1/4"	6476	60 1/2" x 72 1/2"
3652	33 1/4" x 49 1/4"	6496	60 1/2" x 92 1/2"
4242	40" x 40"	6666	63" x 63"
5252	49 1/4" x 49 1/4"	66102	63" x 99"
5276	49 1/4" x 72 1/2"	7272	71" x 71"
5296	49 1/4" x 92 1/2"	8080	78" x 78"
5555	51" x 51"	9898	95 1/2" x 95 1/2"

### Deck Mount Glazing Options



Outer: Clear – Inner: Satin Ice

### Standard Sizes (Custom Sizes Available)

Model/Size	Rough Opening	Model/Size	Rough Opening
2828	22 1/4" x 22 1/4"	55102	48" x 96"
2852	22 1/4" x 46 1/4"	6060	55" x 55"
3636	30 1/4" x 30 1/4"	6666	60" x 60"
3652	30 1/4" x 46 1/4"	66102	60" x 96"
4242	37" x 37"	6476	57 1/2" x 69 1/2"
5252	46 1/4" x 46 1/4"	6496	57 1/2" x 89 1/2"
5276	46 1/4" x 69 1/2"	7272	68" x 68"
5296	46 1/4" x 89 1/2"	8080	75" x 75"
5555	48" x 48"	9898	92 1/2" x 92 1/2"