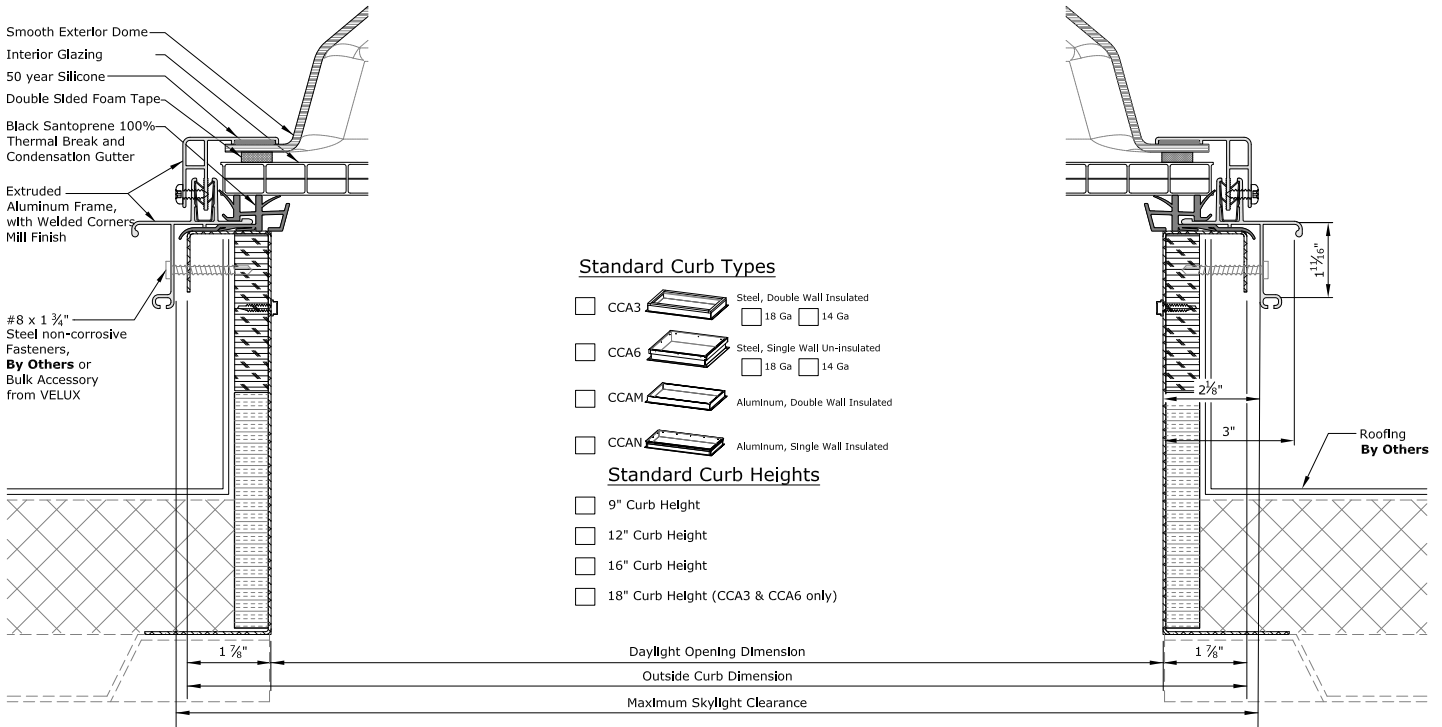


Energy Series Dynamic Dome Skylight



Energy Series Dynamic Dome Skylights

Revolutionary dome design with superior energy efficiency. VELUX Energy Series Dynamic Dome skylights deliver daylight while providing a thermal barrier between the exterior elements. VELUX offers the following Energy Series glazing options:

- Multi-wall polycarbonate panels with and without Lumira aerogel™ to reduce heat loss
 - Double domes with infrared (IR) coatings to reduce heat gain
 - Triple domes with IR coatings to reduce heat loss and heat gain
- ✔ **Multi-wall panels**
 - Multi-wall panels filled with Lumira aerogel provide the best resistance to heat loss.
 - Air-filled multi-wall panels and multi-layer domes provide very good resistance to heat loss at a fraction of the cost.
 - These glazings are ideal for colder regions of the country that require heat to stay warm.
 - ✔ **Infrared barriers**
 - IR-blocking outer domes create a heat barrier.
 - Protects interiors by blocking heat from sun.
 - This glazing is ideal for warmer regions of the country that require air conditioning to stay comfortable.
 - ✔ **Innovative frame**
 - Multiple layers of protection to ensure water tightness: 50-year sealants, one-piece warm frame technology, 100 percent thermally-broken with superior condensation management.
 - Strong, easy-to-carry frame profile designed for easy installation.
 - Dry installation—no curb tape adhesives needed.
 - ✔ **Warranty**
 - 15-year warranty for LuxGuard and LuxGuard Plus glazings (polycarbonate), including hail breakage up to 2".
 - 5-year warranty for Impact Modified Acrylic glazings (IMA).

VELUX Energy Series Dynamic Dome Skylight sizes

Commercial Dome Curb Mount Skylights

Model Size	Maximum skylight clearance dimensions	Outside curb dimensions	Daylight opening dimensions
2448	28 1/4 x 52 1/4	27" x 51"	24" x 48"
2496	28 1/4 x 100 1/4	27" x 99"	24" x 96"
2412	28 1/4 x 124 1/4	27" x 123"	24" x 120"
3636	40 1/4 x 40 1/4	39" x 39"	36" x 36"
3660	40 1/4 x 64 1/4	39" x 63"	36" x 60"
3672	40 1/4 x 76 1/4	39" x 75"	36" x 72"
3696	40 1/4 x 100 1/4	39" x 99"	36" x 96"
3612	40 1/4 x 124 1/4	39" x 123"	36" x 120"
4848	52 1/4 x 52 1/4	51" x 51"	48" x 48"
4860	52 1/4 x 64 1/4	51" x 63"	48" x 60"
4872	52 1/4 x 76 1/4	51" x 75"	48" x 72"
4896	52 1/4 x 100 1/4	51" x 99"	48" x 96"
4812	52 1/4 x 124 1/4	51" x 123"	48" x 120"
6060	64 1/4 x 64 1/4	63" x 63"	60" x 60"
6072	64 1/4 x 76 1/4	63" x 75"	60" x 72"
6096	64 1/4 x 100 1/4	63" x 99"	60" x 96"
6012	64 1/4 x 124 1/4	63" x 123"	60" x 120"
7272	76 1/4 x 76 1/4	75" x 75"	72" x 72"

Dome Configurations

Glazing materials	Testing	Dome configuration	Luminous Transmittance ASTM D1003	U-Factor NFRC 100	SHGC NFRC 200	Haze ASTM D1003
IR blocking acrylic over polycarbonate Standard dome configuration—0.118" IR-blocking diffuse acrylic outer dome over 0.118" clear polycarbonate prismatic inner dome. Middle dome is polycarbonate.*	<ul style="list-style-type: none"> • NFRC • Hallmark air, water, and structural certifications • 15-year warranty 	double	36%	0.71	0.33	100%
		triple	31.4%	0.57	0.32	100%
IR blocking acrylic over Lumira aerogel Standard dome configuration—0.118" IR-blocking diffuse acrylic outer dome over specialty multi-wall polycarbonate with Lumira aerogel	<ul style="list-style-type: none"> • NFRC • Hallmark air, water, and structural certifications • 15-year warranty 	double	NR	0.34	0.28	100%
LuxGuard (polycarbonate) with Lumira aerogel Standard dome configuration—0.118" clear polycarbonate outer dome over specialty multi-wall polycarbonate with Lumira aerogel.	<ul style="list-style-type: none"> • NFRC • Hallmark air, water, and structural certifications • 15-year warranty 	double	43.2%	0.34	0.44	100%
LuxGuard (polycarbonate) over specialty multi-wall Standard dome configuration—0.118" clear polycarbonate outer dome over specialty multi-wall polycarbonate.	<ul style="list-style-type: none"> • NFRC • Hallmark air, water, and structural certifications • 15-year warranty 	double	63.4%	0.43	0.49	27%

*6'x6' sizes are manufactured with a smooth inner dome and have slightly different performance values.

**Other glazing configurations and performance values are available.

For more information or quotation assistance, contact:

name: _____
 title: _____
 phone: _____
 email: _____