

# FCM Fixed Skylight

## Technical Product Data Sheet

### Description

- FCM Fixed Curb Mount Skylight that mounts to a site-built curb (residential curbs typically 2x4 or 2x6). Fixed skylight, provided with various insulated glass units. Manufactured with a neutral gray aluminum profile and integral gasket preventing air and water infiltration while allowing the removal of interior condensation.

### Installation

- No designated top, bottom, or sides for installation in any direction.
- Single unit applications only (combination applications not possible).
- 0 degrees to 60 degrees, use standard installation procedure.
- Above 45 degrees, use water diverter as illustrated in installation instructions; water diverter provided by installer.

### Flashings

- ECL – Engineered neutral gray flashing for single installation with thin roofing material ( $\frac{1}{2}$ " max) for roof pitch above 10-60 degrees.
- ECW – Engineered neutral gray flashing for single installation with tile (over  $\frac{3}{4}$ ") roofing material for roof pitch above 14-60 degrees.
- Applications less than 10-degree roof pitch - flashing provided by others.

### Interior Accessories

- Accessory Tray; mounts to curb required for installation of shades.
- FSCC - Solar powered Room darkening - double pleated shade.
- FSLC - Solar powered Light filtering - single pleated shade.

### Type Sign

- Example: FCM 2222 0004D 01BF05
- Etched on bottom right of exterior frame cover.



### Standard Sizes

- 1430, 1446, 2222, 2230, 2234, 2246, 2270, 3030, 3046, 3055, 3434, 3446, 4646, 4672
- Custom sizes available.

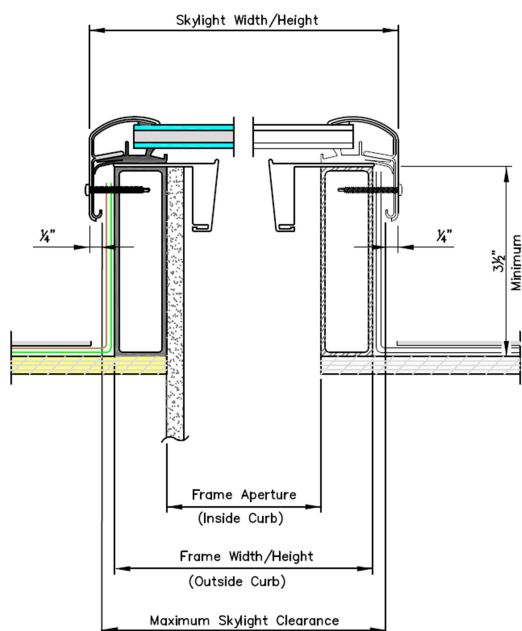
### Special Stocked Sizes

- 190365, 190435, 210455, 225225, 225470, 245245, 245470, 245490, 260540, 280525, 315315, 315470, 315700, 315715, 365365, 385385, 385540, 420435, 460470, 460700

### Warranty

- **Skylight** – 10 years from the date of purchase; VELUX warrants that the skylight will be free from defects in material and workmanship.
- **Installation** – 10 years from the date of purchase; VELUX No Leak Warranty warrants skylight installation. Must be installed with VELUX flashings and included adhesive underlayment.
- **Glass Seal** – 20 years from the date of purchase; VELUX warrants that the insulated glass pane will not develop a material obstruction of vision due to failure of the glass seal.
- **Hail Warranty** – 10 years from the date of purchase; VELUX warrants only laminated glass panes against hail breakage.
- **Accessories and Electrical Components** – 5 years from the date of purchase; VELUX warrants Velux shades and control systems will be free from defects in material and workmanship.

## Cross Section



Size	Inside Curb	Outside Curb	Make Size
14	14-1/2"	17-1/2"	18-5/8"
22	22-1/2"	25-1/2"	26-5/8"
30	30-1/2"	33-1/2"	34-5/8"
34	34-1/2"	37-1/2"	38-5/8"
46	46-1/2"	49-1/2"	50-5/8"
55	55-1/2"	58-1/2"	59-5/8"
70	70-1/2"	73-1/2"	74-5/8"
72	72-1/2"	75-1/2"	76-5/8"

Custom Sizes	Width	Length
Min	18-3/4"	18-3/4"
Max	50-3/4"	76-1/2"

## Glazings and Certification

Glazing	NFRC U-factor	NFRC SHGC	NFRC Vt	Hallmark 426-H-701	IAPMO-ES ER 199	Fla Prod Approval 13303	HVHZ	TDI
<b>04 Laminated</b> – 2.3 mm laminated (0.76 mm interlayer) with tempered Low E366 outer pane.	0.48	0.27	0.63	✓	✓	✓		SK-03
<b>05 Tempered</b> – 3 mm tempered clear with tempered Low E366 outer pane.	0.45	0.28	0.63	✓		✓		SK-03
<b>06 Impact</b> – 2.3 mm laminated (2.28 mm interlayer) with tempered Low E366 outer pane for hurricane areas	0.46	0.27	0.63	✓	✓	✓	✓	SK-14
<b>08 White laminated</b> – 2.3 mm Laminated (0.76mm white interlayer) with tempered Low E366 outer pane.	0.48	0.27	0.57	✓	✓	✓		SK-03
<b>10 Snowload</b> – 3 mm laminated (0.76 mm interlayer) with tempered Low E366 outer pane.	0.47	0.27	0.63	✓				
<b>14 Laminated</b> – 2.3 mm laminated (0.76 mm interlayer) with tempered Low E340 outer pane.	0.48	0.18	0.38	✓		✓		SK-03
<b>15 Tempered</b> – 3mm tempered clear with tempered Low E340 outer pane.	0.49	0.18	0.38	✓		✓		SK-03
<b>16 Impact</b> – 2.3 mm laminated (2.28 mm interlayer) with tempered Low E340 outer pane.	0.46	0.18	0.38	✓		✓	✓	SK-14
<b>29 Laminated Triple Pane</b> – 2.3 mm laminated (0.76mm white interlayer), with 3 mm tempered middle pane, and tempered Low E366 outer pane.	0.38	0.25	0.57	✓	✓	✓		
<b>30 Tempered Triple Pane</b> – 3 mm tempered clear with 3mm tempered middle pane and tempered Low E366 outer pane.	0.38	0.25	0.58	✓		✓		

Consult with Customer Service for special glazing options.

