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What to Measure for a Replacement Skylight
Deck-Mount

Below are three preferred measurements to note on existing skylights when preparing to replace with a VELUX Deck-Mount Skylight.

1. **Finished Interior Drywall to Drywall**
2. **Existing Glass Area** (Mostly applicable for replacing VELUX skylights)
3. **Outside Frame**

HORIZONTAL CROSS SECTION (DECK-MOUNT)
Below is the preferred measurement to note on existing skylights when preparing to replace with a VELUX Curb-Mount Skylight.
Identifying VELUX Skylights for Replacement
Product Tag and Velterm Number

To identify the proper replacement size for an older VELUX skylight, use the product tag. If the tag is missing or inaccessible, use the Velterm number located in the top right corner of the spacer bar.

**ID Tags**

The deck-mount ID tag can be found on the inside of the frame and the curb-mount ID is stamped on the outside of the frame.

**New Tag**
1. Unit type (FS)
2. Unit size (C06)
4. Block number (42)
5. Manufacturing year (BA) (see year codes at right)
6. Manufacturing month (10)
7. Manufacturing plant (A)

**Old Tag**
1. Unit type (FSF)
2. Unit size (1)
3. Block number (6033)
4. Manufacturing year (M) (see year codes at right)
5. Manufacturing month (09)
6. Manufacturing plant (A)

**VS Production Codes**

<table>
<thead>
<tr>
<th>Model</th>
<th>Start Date</th>
<th>Stop Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>VSC</td>
<td>01 AF 04 A</td>
<td>44 AG 02 A</td>
</tr>
<tr>
<td>VS M87, VS M84</td>
<td>5000 E 02 A</td>
<td>19 AE 01 A</td>
</tr>
<tr>
<td>VS M96</td>
<td>01 AE 02 A</td>
<td>99 AG 03 A</td>
</tr>
<tr>
<td>VS M98</td>
<td>46 AG 04 A</td>
<td>81 AK 03 A</td>
</tr>
<tr>
<td>VS M01</td>
<td>82 AK 04 A</td>
<td>Current</td>
</tr>
<tr>
<td>VSE</td>
<td>80 AK 02 A</td>
<td>Current</td>
</tr>
</tbody>
</table>

**FS Production Codes**

<table>
<thead>
<tr>
<th>Model</th>
<th>Start Date</th>
<th>Stop Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS M82*</td>
<td>D 12</td>
<td>F 04 A</td>
</tr>
<tr>
<td>FS M85</td>
<td>3001 F 05 A</td>
<td>3036 I 02 A</td>
</tr>
<tr>
<td>FS M87</td>
<td>3037 I 03 A</td>
<td>33 AD 03 A</td>
</tr>
<tr>
<td>FS M95</td>
<td>34 AD 04 A</td>
<td>Current</td>
</tr>
</tbody>
</table>

* No block codes available for FS M82 units.

**Velterm Number**

**Glass Identification**

Use the examples below to understand information found on spacer bar between glass panes. Year of manufacture is the most important information to identify.

- **1969 to 1978**
  - Velterm: 210 60
  - Day 001 – 365
  - Year = # + 9 (1969)

- **1978 to 1984**
  - Velterm: 387 1
  - Week 01 – 52
  - Year

- **1984 to 1992**
  - Velterm: G 89 37 92
  - Week
  - Year

- **1992 to Present**
  - Velterm: G 48 G 27 31 98 IPF 304
  - Glass Code
  - Year
  - Pane Type and Size

**Understanding Glass Codes**

<table>
<thead>
<tr>
<th>Original Code</th>
<th>Current Code</th>
<th>Glass Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LH</td>
<td>46</td>
<td>Tempered clear over laminated heat strengthened.</td>
</tr>
<tr>
<td>VHH</td>
<td>75</td>
<td>Tempered clear over tempered Low E, Argon gas filled.</td>
</tr>
<tr>
<td>HHAB</td>
<td>N/A</td>
<td>Tempered bronze over tempered clear.</td>
</tr>
<tr>
<td>VHAB</td>
<td>77</td>
<td>Tempered bronze over tempered Low E, Argon gas filled.</td>
</tr>
<tr>
<td>VLH</td>
<td>74</td>
<td>Tempered Low E over laminated heat strengthened, Argon gas filled.</td>
</tr>
<tr>
<td>LHAB</td>
<td>N/A</td>
<td>Tempered bronze over laminated annealed glass.</td>
</tr>
<tr>
<td>VLHAB</td>
<td>79</td>
<td>Tempered Low E bronze over laminated heat strengthened.</td>
</tr>
</tbody>
</table>

Note: There may be other glass numbers not listed above. Call customer service for availability.
# Deck-Mount Skylights

## Quick Reference Guide

## Deck-Mounted Skylight Codes

<table>
<thead>
<tr>
<th>Model</th>
<th>Sizes</th>
<th>Interior finish</th>
<th>Cladding</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS</td>
<td>CO6</td>
<td>2004</td>
<td>0 Stain grade wood</td>
</tr>
<tr>
<td>FS</td>
<td>CO6</td>
<td>2004</td>
<td>2 White</td>
</tr>
<tr>
<td>VS</td>
<td>CO6</td>
<td>2004</td>
<td>9 Special</td>
</tr>
<tr>
<td>VSE</td>
<td>CO6</td>
<td>2004</td>
<td>9 Special</td>
</tr>
<tr>
<td>VSS</td>
<td>CO6</td>
<td>2004</td>
<td>9 Special</td>
</tr>
</tbody>
</table>

### Glazings
- 04 Low E/ Lami (74)
- 05 Low E/ Temp (75)
- 06 Impact
- 08 White lami
- 10 Snowload
- 99 Special

### Deck-mounted skylights:
- FS - Fixed skylight
- VS - Manual venting skylight
- VSE - Electric venting skylight
- VSS - Solar Powered "Fresh Air" Skylight

## Deck-Mounted Skylight Size Chart

### Rough openings/Outside frame

<table>
<thead>
<tr>
<th>Rough Opening</th>
<th>VS; VSE; VSS</th>
<th>VS; VSE; VSS</th>
<th>VS; VSE; VSS</th>
<th>VS; VSE; VSS</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 1/2&quot;</td>
<td>21 1/2&quot;</td>
<td>22 1/2&quot;</td>
<td>30 1/2&quot;</td>
<td>44 1/4&quot;</td>
</tr>
<tr>
<td>22 1/4&quot;</td>
<td>26 1/4&quot;</td>
<td>30 1/4&quot;</td>
<td>37 1/4&quot;</td>
<td>45 1/4&quot;</td>
</tr>
<tr>
<td>45 1/4&quot;</td>
<td>54 1/4&quot;</td>
<td>70 1/4&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Glazing Sizes
- 14° - 85°
- Inches
- FS; 2.78 Fixed (150) D26
- VS; 2.27 Vented (101 or 9) CO1
- VSE; 3.56 Fixed (601 or 49) C04
- VSS; 4.43 Fixed (302) M02
- FS; VS; VSE; VSS 4.09 Fixed 2.07 Vent (167 or 9) C04
- FS; VS; VSE; VSS 3.50 Fixed 1.94 Vent (164 or 9) D06
- FS; VS; VSE; VSS 5.77 Fixed 2.94 Vent (308 or 2) C08
- FS; VS; VSE; VSS 12.36 Fixed 2.94 Vent (306) M06

### Daylight in sq ft

<table>
<thead>
<tr>
<th>Sun zone</th>
<th>16</th>
<th>24</th>
<th>36</th>
<th>44</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>15</td>
<td>21</td>
<td>30</td>
<td>44</td>
</tr>
</tbody>
</table>

(Previous Model Sizing Numbers)
Model FS sizes D26 and D06 fit perfectly between roof trusses.
ZZZ 213B Trim Kit Measurements
Note: Only used for deck-mount skylights

Cross Section and Dimensions

Measure existing drywall opening to determine which standard VELUX skylight size with ZZZ 213B Trim Kit will work best.

Note: Highly recommended for any deck-mount skylight replacements, including VELUX skylights.

<table>
<thead>
<tr>
<th>Drywall Opening Width (W-in.)</th>
<th>A06 (056)</th>
<th>D26 (150)</th>
<th>D06 (156)</th>
<th>C01 (101)</th>
<th>C04 (104)</th>
<th>C06 (106)</th>
<th>C08 (108)</th>
<th>M02 (302)</th>
<th>M04 (304)</th>
<th>M06 (306)</th>
<th>M08 (308)</th>
<th>S01 (601)</th>
<th>S06 (606)</th>
</tr>
</thead>
<tbody>
<tr>
<td>13 1/4 to 15 1/4</td>
<td>21 1/4 to 23 1/4</td>
<td>19 1/2 to 21 1/2</td>
<td>19 1/2 to 21 1/2</td>
<td>19 1/2 to 21 1/2</td>
<td>19 1/2 to 21 1/2</td>
<td>28 1/2 to 30 1/2</td>
<td>28 1/2 to 30 1/2</td>
<td>28 1/2 to 30 1/2</td>
<td>28 1/2 to 30 1/2</td>
<td>28 1/2 to 30 1/2</td>
<td>28 1/2 to 30 1/2</td>
<td>42 1/4 to 44 1/4</td>
<td>42 1/4 to 44 1/4</td>
</tr>
</tbody>
</table>

Three 57 1/2” pieces, one kit works for most sizes. C12 and S06 require two Trim Kits.
### VERTICAL CROSS SECTION

- 22 ga. Roll Formed Aluminum Frame Cover with Neutrol Gray Primer 560 Finish
- VELUX Adhesive Underlayment 9" Width
- VELUX DWL Flashing (See COMPONENT FLASHINGS book)
- Shingles by Others
- Decking by Others
- Factory-installed 22 ga. Steel Deck Seal Mounting Bracket with Corrosion Resistant Finish 1/8" x 1/4"

### HORIZONTAL CROSS SECTION

#### DETAILS

- Sealant Insulated Glazing (See COMPONENTS & ACCESSORIES book)
- Pediment/Pre-Frame and Sash with White Finish
- Drywall Trim Groove
- 1/8" or 1/4" Drywall by Others

### TABLE

<table>
<thead>
<tr>
<th>Rough Opening Width (W-in.)</th>
<th>A06</th>
<th>C01</th>
<th>C04</th>
<th>C06</th>
<th>C08</th>
<th>C12</th>
<th>D26</th>
<th>D06</th>
<th>M02</th>
<th>M04</th>
<th>M06</th>
<th>M08</th>
<th>S01</th>
<th>S06</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame Width (W-in.)</td>
<td>141/4</td>
<td>21</td>
<td>21</td>
<td>21</td>
<td>21</td>
<td>21</td>
<td>21</td>
<td>221/4</td>
<td>221/2</td>
<td>301/4</td>
<td>301/2</td>
<td>301/2</td>
<td>301/4</td>
<td>441/4</td>
</tr>
<tr>
<td>Frame Aperture Width (W-in.)</td>
<td>151/4</td>
<td>211/2</td>
<td>211/2</td>
<td>211/2</td>
<td>211/2</td>
<td>231/4</td>
<td>231/4</td>
<td>301/4</td>
<td>301/2</td>
<td>301/2</td>
<td>301/4</td>
<td>441/4</td>
<td>441/2</td>
<td></td>
</tr>
<tr>
<td>Sky Light Cladding Width (W-in.)</td>
<td>161/2</td>
<td>221/2</td>
<td>221/2</td>
<td>221/2</td>
<td>221/2</td>
<td>221/2</td>
<td>241/4</td>
<td>241/4</td>
<td>311/4</td>
<td>311/2</td>
<td>311/2</td>
<td>311/4</td>
<td>451/4</td>
<td>451/2</td>
</tr>
<tr>
<td>Frame Height (H-in.)</td>
<td>461/4</td>
<td>271/2</td>
<td>381/4</td>
<td>461/2</td>
<td>541/4</td>
<td>701/4</td>
<td>701/4</td>
<td>461/4</td>
<td>461/4</td>
<td>461/4</td>
<td>461/4</td>
<td>461/4</td>
<td>271/2</td>
<td>461/2</td>
</tr>
<tr>
<td>Frame Aperture Height (H-in.)</td>
<td>421/2</td>
<td>241/2</td>
<td>351/4</td>
<td>421/4</td>
<td>511/4</td>
<td>671/4</td>
<td>671/4</td>
<td>421/2</td>
<td>421/2</td>
<td>421/2</td>
<td>421/2</td>
<td>421/2</td>
<td>511/4</td>
<td>421/2</td>
</tr>
<tr>
<td>Sky Light Cladding Height (H-in.)</td>
<td>471/2</td>
<td>281/2</td>
<td>391/4</td>
<td>471/4</td>
<td>551/4</td>
<td>711/4</td>
<td>711/4</td>
<td>471/2</td>
<td>471/2</td>
<td>471/2</td>
<td>471/2</td>
<td>471/2</td>
<td>551/4</td>
<td>471/2</td>
</tr>
<tr>
<td>Daylight Area (Sq. Feet)</td>
<td>3.56</td>
<td>3.04</td>
<td>4.43</td>
<td>5.43</td>
<td>6.52</td>
<td>8.52</td>
<td>2.78</td>
<td>5.94</td>
<td>5.15</td>
<td>6.64</td>
<td>8.13</td>
<td>9.77</td>
<td>6.92</td>
<td>12.36</td>
</tr>
</tbody>
</table>

**Note:** Model FS sizes D26 and D06 fit perfectly between roof trusses.
Curb-Mount Skylights
Quick Reference Guide

Curb-Mounted & Self-Flashed Skylight Codes

**FCM 14462004**

<table>
<thead>
<tr>
<th>Model</th>
<th>Sizes</th>
<th>Interior finish</th>
<th>Cladding</th>
<th>Glazings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curb-mounted</td>
<td>1430°</td>
<td>0 None (FCM)</td>
<td>0 Aluminum</td>
<td>04 Clean, Quiet &amp; Safe glass</td>
</tr>
<tr>
<td></td>
<td>1446&quot;</td>
<td>2 White</td>
<td>9 Special</td>
<td>05 Low E/ Temp (75)</td>
</tr>
<tr>
<td></td>
<td>2222&quot;</td>
<td></td>
<td>9 Special</td>
<td>06 Impact</td>
</tr>
<tr>
<td></td>
<td>2230&quot;</td>
<td></td>
<td></td>
<td>08 White lami</td>
</tr>
<tr>
<td></td>
<td>2234</td>
<td></td>
<td></td>
<td>99 Special</td>
</tr>
<tr>
<td></td>
<td>2246&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2270</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3030</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3046</td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3434</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4622</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4646&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FCM only sizes**

**VCM & VCE only sizes**

**VCS only sizes**

<table>
<thead>
<tr>
<th>ID Tags</th>
<th>Curb-mounted skylights:</th>
<th>Self-flashed skylight:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FCM-Fixed skylight</td>
<td>QPF-Fixed skylight</td>
</tr>
<tr>
<td></td>
<td>VCM-Manual venting skylight</td>
<td></td>
</tr>
<tr>
<td></td>
<td>VCE-Electric venting skylight</td>
<td></td>
</tr>
<tr>
<td></td>
<td>VCS-Solar Powered &quot;Fresh Air&quot; Skylight</td>
<td></td>
</tr>
</tbody>
</table>

**Outside curb/Max skylight clearance**

<table>
<thead>
<tr>
<th>Curb-Mounted Skylight Size Chart</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FCM</strong> 1446 2004</td>
</tr>
<tr>
<td><strong>Model</strong></td>
</tr>
<tr>
<td><strong>Sizes</strong></td>
</tr>
<tr>
<td><strong>Interior finish</strong></td>
</tr>
<tr>
<td><strong>Cladding</strong></td>
</tr>
<tr>
<td><strong>Glazings</strong></td>
</tr>
</tbody>
</table>

**Outside curb**

<table>
<thead>
<tr>
<th>Curb-mounted skylights:</th>
<th>Self-flashed skylight:</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCM-Fixed skylight</td>
<td>QPF-Fixed skylight</td>
</tr>
<tr>
<td>VCM-Manual venting skylight</td>
<td></td>
</tr>
<tr>
<td>VCE-Electric venting skylight</td>
<td></td>
</tr>
<tr>
<td>VCS-Solar Powered &quot;Fresh Air&quot; Skylight</td>
<td></td>
</tr>
</tbody>
</table>

**ID Tags**

ID tag is stamped on the outside of the skylight frame.

1. Unit type (FCM)
2. Unit size (4646)
3. Variant code (0004D)
4. Manufacturing week (09)
5. Manufacturing year (BM) (see year codes page 5)
6. Manufacturing month (03)
7. Manufacturing plant (A) (VELUX Greenwood)
### VCS Solar Powered “Fresh Air” Skylight
### VCE Electric “Fresh Air” Skylight
### VCM Manual “Fresh Air” Skylight

#### Curb-Mounted

<table>
<thead>
<tr>
<th>Frame Width (W-in.)</th>
<th>Frame Aperture Width (W-in.)</th>
<th>Maximum Skylight Clearance Width (W-in.)</th>
<th>Frame Height (H-in.)</th>
<th>Frame Aperture Height (H-in.)</th>
<th>Maximum Skylight Clearance Height (H-in.)</th>
<th>Daylight Area (Sq. Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2222</td>
<td>25½</td>
<td>26½</td>
<td>25½</td>
<td>22½</td>
<td>26½</td>
<td>2.58</td>
</tr>
<tr>
<td>2234</td>
<td>25½</td>
<td>26½</td>
<td>25½</td>
<td>22½</td>
<td>26½</td>
<td>4.20</td>
</tr>
<tr>
<td>2246</td>
<td>25½</td>
<td>26½</td>
<td>25½</td>
<td>22½</td>
<td>26½</td>
<td>5.92</td>
</tr>
<tr>
<td>3030</td>
<td>33½</td>
<td>34½</td>
<td>33½</td>
<td>33½</td>
<td>34½</td>
<td>5.27</td>
</tr>
<tr>
<td>3046</td>
<td>33½</td>
<td>34½</td>
<td>33½</td>
<td>33½</td>
<td>34½</td>
<td>6.89</td>
</tr>
<tr>
<td>3434</td>
<td>37½</td>
<td>38½</td>
<td>37½</td>
<td>37½</td>
<td>38½</td>
<td>7.27</td>
</tr>
<tr>
<td>4622*</td>
<td>49½</td>
<td>50½</td>
<td>49½</td>
<td>49½</td>
<td>50½</td>
<td>13.13</td>
</tr>
<tr>
<td>4646</td>
<td>49½</td>
<td>50½</td>
<td>49½</td>
<td>49½</td>
<td>50½</td>
<td></td>
</tr>
</tbody>
</table>

*4622 is only available in VCM
FCM Fixed Skylight

Curb-Mounted

Vertical Cross Section

Horizontal Cross Section

(Curb Supplied by Installer)

Frame Width (W-in.)
- 1430
- 1446
- 2222
- 2230
- 2234
- 2246
- 2270
- 3030
- 3046
- 3055
- 3434
- 3446
- 4622
- 4646
- 4672

Frame Aperture Width (W-in.)
- 17½
- 17½
- 25½
- 25½
- 25½
- 25½
- 25½
- 33½
- 33½
- 33½
- 33½
- 33½
- 49½
- 49½
- 49½

Skylight Width (W-in.)
- 14½
- 14½
- 22½
- 22½
- 22½
- 22½
- 22½
- 30½
- 30½
- 30½
- 30½
- 30½
- 34½
- 34½
- 34½

Maximum Skylight Clearance Width (W-in.)
- 19½
- 19½
- 27½
- 27½
- 27½
- 27½
- 27½
- 35½
- 35½
- 35½
- 35½
- 35½
- 45½
- 45½
- 45½

Frame Height (H-in.)
- 18½
- 18½
- 26½
- 26½
- 26½
- 26½
- 26½
- 34½
- 34½
- 34½
- 34½
- 34½
- 45½
- 45½
- 45½

Frame Aperture Height (H-in.)
- 33½
- 33½
- 51½
- 51½
- 51½
- 51½
- 51½
- 49½
- 49½
- 49½
- 49½
- 49½
- 50½
- 50½
- 50½

Skylight Height (H-in.)
- 49½
- 49½
- 73½
- 73½
- 73½
- 73½
- 73½
- 58½
- 58½
- 58½
- 58½
- 58½
- 75½
- 75½
- 75½

Maximum Skylight Clearance Height (H-in.)
- 34½
- 34½
- 50½
- 50½
- 50½
- 50½
- 50½
- 54½
- 54½
- 54½
- 54½
- 54½
- 57½
- 57½
- 57½

Daylight Area (Sq. Feet)
- 3.07
- 4.68
- 3.52
- 4.76
- 5.39
- 7.27
- 11.01
- 6.46
- 9.85
- 11.76
- 8.27
- 11.14
- 7.27
- 15.02
- 23.47

Minimum openings for ZZZ 199 blind accessory tray. These dimensions are from outside screw head to outside screw head.

FCM Custom Sized Skylights

Curb-Mounted

For Custom Sized FCM Curb-Mount, VELUX will need your make size.

Width 18½ to 50½

Now delivered in 12 days or less

Height 18½ x 72

Now delivered in 16 days or less

Height 72½ to 76½

We require maximum skylight clearance dimensions in ¼" increments (0, ¼, ½, ¾) for width and height.

Note: Custom size flashing kits and custom sized blinds are not available.

Note: Some specialty glass options require longer lead times.
GSM SkyMax
Curb-Mounted

**VERTICAL CROSS SECTION**

**HORIZONTAL CROSS SECTION**

Available in custom sizes. Covers up to 35 square feet-10 feet at the longest dimension.
**EVMS Solar “Fresh Air” Skylight**

**EV Manual “Fresh Air” Skylight**

Self-Flashed

### Frame Width

<table>
<thead>
<tr>
<th>Width (in.)</th>
<th>2222</th>
<th>2230</th>
<th>2238</th>
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<th>2254</th>
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<td>26</td>
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<td>26</td>
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<td>Frame Aperture Width</td>
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<td>22⅜</td>
<td>22⅜</td>
<td>22⅛</td>
<td>22⅛</td>
<td>30⅝</td>
<td>30⅝</td>
<td>30⅝</td>
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<tr>
<td>Skylight Width</td>
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<td>20⅛</td>
<td>20⅛</td>
<td>20⅛</td>
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<td>30⅝</td>
<td>38⅜</td>
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<td>54⅜</td>
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<tr>
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<td>51⅛</td>
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<td>43⅜</td>
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<td>34⅝</td>
<td>50⅝</td>
<td>58⅝</td>
<td>50⅝</td>
</tr>
</tbody>
</table>

### Daylight Area

| Area (Sq. Feet) | 2.71 | 3.83 | 5.10 | 6.08 | 7.21 | 5.35 | 8.49 | 10.06 | 13.29 |

Available in custom sizes.

- **Frame Width**
- **Rough Opening Width**
- **Frame Aperture Width**
- **Skylight Width**
- **Maximum Flashing Width**
- **Frame Height**
- **Rough Opening Height**
- **Frame Aperture Height**
- **Skylight Height**
- **Maximum Flashing Height**
- **Daylight Area**
EF Fixed Skylight
Self-Flashed

VERTICAL CROSS SECTION

HORIZONTAL CROSS SECTION

<table>
<thead>
<tr>
<th>Frame Width (W-in.)</th>
<th>2222</th>
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<th>2246</th>
<th>2254</th>
<th>3030</th>
<th>3046</th>
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<td>26</td>
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<td>50</td>
</tr>
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<td>22 ½</td>
<td>22 ½</td>
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<td>30 ½</td>
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<td>20 ¼</td>
<td>20 ¼</td>
<td>20 ¼</td>
<td>20 ¼</td>
<td>28 ¼</td>
<td>28 ¼</td>
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<td>61 ½</td>
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<tr>
<td>Frame Height (H-in.)</td>
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<td>42</td>
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<td>Frame Aperture Height (H-in.)</td>
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<td>28 ¼</td>
<td>36 ¼</td>
<td>44 ¼</td>
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<td>28 ¼</td>
<td>44 ¼</td>
<td>52 ¼</td>
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<tr>
<td>Skylight Height (H-in.)</td>
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<td>34 ¼</td>
<td>42 ¼</td>
<td>50 ¼</td>
<td>42 ¼</td>
<td>34 ¼</td>
<td>50 ¼</td>
<td>58 ¼</td>
<td>50 ¼</td>
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<tr>
<td>Maximum Flashing Height (H-in.)</td>
<td>37 ½</td>
<td>45 ½</td>
<td>53 ½</td>
<td>61 ½</td>
<td>69 ½</td>
<td>45 ½</td>
<td>61 ½</td>
<td>69 ½</td>
<td>61 ½</td>
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<td>Daylight Area (Sq. Feet)</td>
<td>2.85</td>
<td>3.97</td>
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<td>5.54</td>
<td>8.68</td>
<td>10.25</td>
<td>13.60</td>
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</table>

Available in custom sizes.
QPF Fixed Skylight
Self-Flashed

VERTICAL CROSS SECTION

HORIZONTAL CROSS SECTION

<table>
<thead>
<tr>
<th>Rough Opening Width (W-in.)</th>
<th>22 1/2</th>
<th>22 3/4</th>
<th>22 1/2</th>
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<th>46 1/2</th>
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<td>22 1/2</td>
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<td>43 1/2</td>
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<td>Skylight Width (W-in.)</td>
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<td>24 7/16</td>
<td>24 7/16</td>
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<td>Flashing Height (H-in.)</td>
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<td>37 1/8</td>
<td>53 1/8</td>
<td>37 1/8</td>
<td>53 1/8</td>
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<tr>
<td>Frame Aperture Height (H-in.)</td>
<td>19 1/2</td>
<td>27 1/2</td>
<td>43 1/2</td>
<td>27 1/2</td>
<td>43 1/2</td>
<td>43 1/2</td>
</tr>
<tr>
<td>Skylight Height (H-in.)</td>
<td>24 7/16</td>
<td>32 7/16</td>
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<td>Daylight Area (Sq. Feet)</td>
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<td>5.87</td>
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<td>8.29</td>
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</table>
**Vertical Cross Section**

**Horizontal Cross Section**

## VELUX Top-Hinged Roof Window

**Cross Section and Dimensions**

### Rough Opening Width

- **CK04**: 22\(\frac{1}{8}\) in.
- **CK06**: 22\(\frac{1}{8}\) in.
- **MK04**: 31\(\frac{1}{4}\) in.
- **MK06**: 31\(\frac{1}{4}\) in.
- **MK08**: 37\(\frac{1}{8}\) in.
- **PK10**: 45\(\frac{1}{2}\) in.
- **SK06**: 53\(\frac{1}{4}\) in.
- **UK08**: 62 in.

### Outside Frame Width

- **GPL/GPU MK06**: 30\(\frac{1}{2}\) x 46\(\frac{1}{2}\) in.
- **GPL/GPU MK08**: 30\(\frac{1}{2}\) x 55\(\frac{1}{2}\) in.
- **GPL/GPU PK10**: 37 x 63 in.
- **GPL/GPU SK06**: 44\(\frac{1}{8}\) x 46\(\frac{1}{2}\) in.
- **GPL/GPU UK08**: 52\(\frac{1}{8}\) x 55\(\frac{1}{8}\) in.
- **GXU FK06**: 26 x 46\(\frac{1}{8}\) in.
- **US Model Code Requirements**: 20" x 24"

### Finished Framing Width

- **GPL/GPU MK06**: 30\(\frac{1}{2}\) x 46\(\frac{1}{2}\) in.
- **GPL/GPU MK08**: 30\(\frac{1}{2}\) x 55\(\frac{1}{2}\) in.
- **GPL/GPU PK10**: 37 x 63 in.
- **GPL/GPU SK06**: 44\(\frac{1}{8}\) x 46\(\frac{1}{2}\) in.
- **GPL/GPU UK08**: 52\(\frac{1}{8}\) x 55\(\frac{1}{8}\) in.
- **GXU FK06**: 26 x 46\(\frac{1}{8}\) in.
- **US Model Code Requirements**: 20" x 24"

### Sash Aperture Width

- **GPL/GPU MK06**: 30\(\frac{1}{2}\) x 46\(\frac{1}{2}\) in.
- **GPL/GPU MK08**: 30\(\frac{1}{2}\) x 55\(\frac{1}{2}\) in.
- **GPL/GPU PK10**: 37 x 63 in.
- **GPL/GPU SK06**: 44\(\frac{1}{8}\) x 46\(\frac{1}{2}\) in.
- **GPL/GPU UK08**: 52\(\frac{1}{8}\) x 55\(\frac{1}{8}\) in.
- **GXU FK06**: 26 x 46\(\frac{1}{8}\) in.
- **US Model Code Requirements**: 20" x 24"

### Rough Opening Height

- **GPL/GPU MK06**: 39\(\frac{7}{8}\) in.
- **GPL/GPU MK08**: 46\(\frac{3}{8}\) in.
- **GPL/GPU PK10**: 55\(\frac{1}{2}\) in.
- **GPL/GPU SK06**: 53\(\frac{1}{8}\) in.
- **GPL/GPU UK08**: 63\(\frac{1}{8}\) in.
- **GXU FK06**: 47\(\frac{3}{8}\) in.

### Outside Frame Height

- **GPL/GPU MK06**: 38\(\frac{1}{2}\) in.
- **GPL/GPU MK08**: 46\(\frac{3}{8}\) in.
- **GPL/GPU PK10**: 55\(\frac{1}{2}\) in.
- **GPL/GPU SK06**: 62 in.
- **GPL/GPU UK08**: 62\(\frac{1}{8}\) in.
- **GXU FK06**: 47\(\frac{3}{8}\) in.

### Sash Aperture Height

- **GPL/GPU MK06**: 30\(\frac{3}{4}\) in.
- **GPL/GPU MK08**: 38\(\frac{3}{4}\) in.
- **GPL/GPU PK10**: 47\(\frac{3}{8}\) in.
- **GPL/GPU SK06**: 55\(\frac{3}{8}\) in.
- **GPL/GPU UK08**: 62\(\frac{3}{8}\) in.
- **GXU FK06**: 47\(\frac{3}{8}\) in.

### Daylight Area

- **GPL/GPU MK06**: 3.12 ft\(^2\)
- **GPL/GPU MK08**: 3.98 ft\(^2\)
- **GPL/GPU PK10**: 5.06 ft\(^2\)
- **GPL/GPU SK06**: 6.35 ft\(^2\)
- **GPL/GPU UK08**: 7.75 ft\(^2\)
- **GXU FK06**: 11.52 ft\(^2\)
- **US Model Code Requirements**: 10.23 ft\(^2\)

### Roof Window Information

**Emergency Escape and Rescue Openings**

---

**Product Information**

<table>
<thead>
<tr>
<th>VELUX Product</th>
<th>Outside Frame Dimensions (WxH)</th>
<th>Rescue Opening Dimensions</th>
<th>Net Clear Opening</th>
<th>Dimensional Requirements Met?</th>
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<tbody>
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<td>5.78 ft(^2)</td>
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<td>GPL/GPU MK08</td>
<td>30(\frac{1}{2}) x 55(\frac{1}{2}) in.</td>
<td>27(\frac{3}{4}) x 36(\frac{1}{2}) in.</td>
<td>6.92 ft(^2)</td>
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<td>GPL/GPU PK10</td>
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<td>33(\frac{3}{4}) x 41(\frac{1}{2}) in.</td>
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<td>GPL/GPU SK06</td>
<td>44(\frac{1}{8}) x 46(\frac{1}{2}) in.</td>
<td>41(\frac{1}{2}) x 30(\frac{1}{2}) in.</td>
<td>8.76 ft(^2)</td>
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<tr>
<td>GPL/GPU UK08</td>
<td>52(\frac{1}{8}) x 55(\frac{1}{8}) in.</td>
<td>49(\frac{1}{2}) x 36(\frac{1}{2}) in.</td>
<td>12.49 ft(^2)</td>
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<td>GXU FK06</td>
<td>26 x 46(\frac{1}{8}) in.</td>
<td>22(\frac{1}{4}) x 43(\frac{1}{2}) in.</td>
<td>6.23 ft(^2)</td>
<td>Yes</td>
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**NOTE:** Code Also Requires 44" Maximum - Finished Sill Height from Finished Floor
**Flashing**

Quick Reference Guide

### Skylight Flashing Guide (A21)

#### Deck-mounted skylights - single unit

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<th>EDW</th>
<th>EDM</th>
<th>ECB</th>
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<tr>
<td>VSS</td>
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* ZZZ 200 (extra step flashing pieces) maybe needed with roof materials with exposure greater than 5 inches

#### Curb-mounted skylights - single unit

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<td>VSS</td>
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* ZZZ 200 (extra step flashing pieces) maybe needed with roof materials with exposure greater than 5 inches

#### Self-flashed skylights - single unit

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#### Deck-mounted skylights - combi unit

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<tr>
<td>VSS</td>
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* ZZZ 200 (extra step flashing pieces) maybe needed with roof materials with exposure greater than 5 inches

### Combi Information

#### Combi installations

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<td>2 by 3</td>
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</table>

**EKL combi flashing elements**

![EKL combi flashing elements diagram]

**Combi installations diagram**

\[a = \text{Frame distance, vertical gutter}\]
\[b = \text{Frame distance, horizontal gutter}\]

\[a = \text{minimum 2} \frac{1}{2} ” \text{ to maximum of 12”}\]
\[b = 4 \frac{1}{4}” \text{ only}\]

### Flashing Notes:

- A21 flashings EDW, EDM, EKL, EKW and ECB are not available in copper.
- A21 EDW flashing is not available in A06. Use D06 size flashing for D26 size skylight and use C12 size flashing for C08 size skylight.
- EKW only offered with 4” vertical gutter "a" for side-by-side combi application. Some on-sight height modifications required for EKW when not using sizes C06, C12, M08 and S06.
- A21 EDM flashings sizes can be used with VELUX V22 roof window sizes. Must order ZWC kit with coverings and screws.
- A21 EKL flashing sizes can be used with VELUX V22 roof windows. Visit veluxusa.com for additional guidance.
- EKL components 6002 and 6005 do not have step flashing included.
VELUX EKL/EKW Combi-Flash for Deck-Mount Skylights

Cross Section and Dimensions

Notes:

- Vertical gutter widths for EKL/EKW come in 20 standard sizes, 2 1/2" to 12" in 1/2" increments.
- If using EKL/EKW in a “over/under” skylight application, then the horizontal gutter is one size only: 4". The skylights need to be placed 4 1/4" apart from each other (outside wood frame to outside wood frame). See diagram.
- Head flashing piece is 9 1/4" in depth
- Sill flashing piece is 5" in depth
VELUX ECL Flashing
for Curb-Mount Skylights
Cross Section and Dimensions

Sill Flashing
Extends 5 inches from curb

Step Flashing
5"X5"X9 1/4" — Extends 5" from curb

Head Flashing
Extends 9" from curb

ECL 1446
Fits curb width ranging from 17 1/4" to 17 1/4"

ECL 2246 & 2270
Fits curb width ranging from 25 1/4" to 25 1/4"

ECL 3046
Fits curb width ranging from 33 1/4" to 33 1/4"

ECL 3434
Fits curb width ranging from 37 1/4" to 37 1/4"

ECL 4646
Fits curb width ranging from 49 1/4" to 49 1/4"