

Natural Series

Barrel Vault



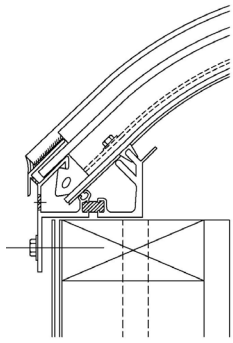
Continuous Vaulted Skylight

Model CVTL

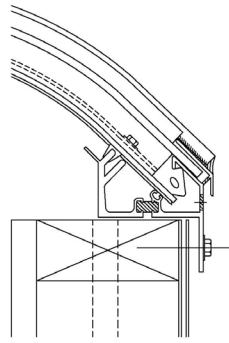
Frame Material
Aluminum

Bristolite glazing has been load tested and complies with OSHA – CFR's for fall protection.

Cut Section (N.T.S.)



CVTL-CM-2



CVTL-CM-2

Specifications

Model CVTL shall be manufactured by Bristolite Daylighting Systems, Terrell, TX. Skylight frame is fabricated of aluminum with a polyurethane thermal break material to prevent thermal losses through the frame and the formation of condensation on its interior surfaces. Aluminum framing and plastic glazing shall support a (30 or 40) PSF roof snow or live load, a negative 25 PSF wind load plus dead load. Rafter spacings shall not exceed 3'-0" on center for 40 PSF and 4'-0" on center for 30 PSF. Skylights shall be glazed with continuous cast (acrylic or polycarbonate) sheet. Sill members shall weep water infiltration and condensation: and shall be factory slotted at anchors for thermal movement. All gaskets (including gable receiver for vertical ends) shall be black EPDM. Units with outside curb spans of 87" or less shall be factory glazed in sections not to exceed 21'-0". All units over 87" shall be shipped un-assembled for access to anchors from roof level. The base frame shall be installed on a roof curb furnished by others.

Independent test reports available for double glazed models:
ASTM E 283 Static air infiltration
ASTM E 330 Structural loading
ASTM E 331 Static water infiltration

Sizes:

Model Number	Outside Curb Dimension	Inside Frame Dimension
CVTL	Up to 87" x 20'-8 5/16"	Up to 88" x 20'-8 5/16"

Call for additional sizes

Model Number	Outside Curb Dimension	Inside Frame Dimension

Features:

1. Curb Mounted (**CM**)
 2. Double Glazed for Better Insulating (2)
 3. Thermally Broken Frame
- Example model number:
87120-CVTL-CM-2-CC-WTM-MF

Options:

1. Frame Finish - Bronze Anodize (**BA**), Clear Anodize (**CA**), White Painted (**WP**) or Mill Finish (**MF**)
2. Single Glazing (1)
3. Bronze (**BT**), Clear (**CC**) or White (**WTM**) Acrylic
4. Acrylic (**ACO**) or Polycarbonate (**PCO**) Coollite
5. Bronze (**BPC**), Clear (**CPC**) or White (**WPC**) Polycarbonate
6. Clear (**CPM**) or White (**WPM**) Impact Modified Prismatic Acrylic
7. Concealed Snap-on Rafter Caps

Accessories: See PDS (Product Data Sheets) for these Items

1. Gladiator
 - a. Security Grills (**SG**)
 - b. Safety Screens (**SSCRN**)
 - c. External Safety Cages (for units up to 6'-0" wide) (**SCAGE**)