

Skylights for Roofs (FM Approval Class Number 4431)

Sunoptics Model 800MD Prismatic Skylight

FM Approved Sunoptics Prismatic Skylights' Model 800MD Skylights are provided in widths up to a maximum of 5.0 ft (1.5 m) and lengths up to a maximum of 8.0 ft (2.4 m). Model 800MD Skylights are supplied with a min. 0.165 in. (4.19 mm) thick polycarbonate lens. The skylights can be either single or double glazed. The Model 800MD Skylights meet the FM Approvals requirements for a 180 psf (8.6 kPa) wind uplift rating when secured with through predrilled attachment points spaced max 16 in. (406 mm) o.c. along both sides and ends to min 2 x 6 dimensional wood framing. The fasteners used to secure the vent shall be min 3/16 (4.76 mm) – 12 x 1.5 in (38 mm) long fasteners with min 3/8 (9.5 mm) diameter Hex Washer Heads with a 1/2 (12.7 mm) diameter metal washer and EPDM gasket. Fire test indicate that if a sprinkler is installed directly under a Model 800MD Skylight, steps shall be taken to prevent the skylight from interfering with the sprinkler's operation.

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| Company Name: | Sunoptics Prismatic Skylights |
| Company Address: | 6201 27th Street, Sacramento, California 95822, USA |
| Company Website: | http://www.sunoptics.com |
| Listing Country: | United States of America |
| Width (ft in): | 5'0" |
| Width (m): | 1.5 |
| Length (ft in): | 8'0" |
| Length (m): | 2.4 |
| Lid Type: | Polycarbonate |
| Snow Load (lbs/ft2): | |
| Snow Load (kgs/m2): | |
| Wind Uplift (psf): | 180 |
| Wind Uplift (kPa): | 8.6 |
| Spread of Flame Rating: | Class A at 1/4 in 12 |
| Hail Rating: | Severe Hail with 2.0 in diameter ice balls |
| Certification Type: | FM Approved |