

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.

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