

# CrossRail 80



DATA SHEET



Part Number	Description
4000508	CrossRail 80 168"Rail Mill
4000708	CrossRail 80 172", Mill
4001370	SPO CrossRail 80, 216" Rail, Mill



# TECHNICAL DATA

## Mechanical Properties

	CrossRail 80
Material	6000 Series Aluminum
Ultimate Tensile Strength	37.7 ksi (260 MPa)
Yield Strength	34.8 ksi (240 MPa)
Weight	.76 lbs/ft (1.13 kg/m)

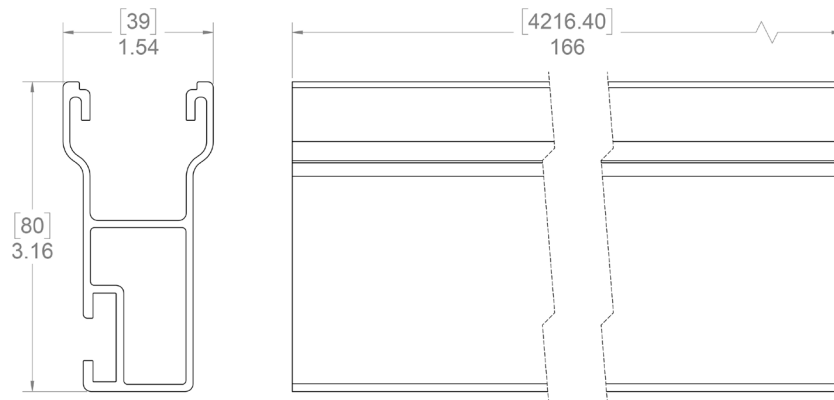
## Sectional Properties

	CrossRail 80
Sx	0.529 in <sup>3</sup> (8.699 cm <sup>3</sup> )
Sy	0.2514 in <sup>3</sup> (4.120 cm <sup>3</sup> )
A (X-Section)	0.777 in <sup>2</sup> (5.013 cm <sup>2</sup> )

LOAD		RAIL SPAN								
SNOW (psf)	WIND (mph)	32"	4'	64"	6'	80"	8'	112"	10'	12'
0	120									
0	140									
0	160									
10	120									
10	140									
10	160									
20	140									
20	160									
30	160									
40	160									
80	160									
100	160									

44X/MAX   48X   48XL   CR80

Units: [mm] in



**Notes:**

- ▶ Structural values and span charts determined in accordance with Aluminum Design Manual and ASCE 7-16
- ▶ UL2703 Listed System for Fire and Bonding