



Rail Section Properties	
Axis X-X	Value
I (Moment of Inertia)	1.272 in ⁴
S (Section Modulus)	0.802 in ³
R (Radius of Gyration)	1.152 in
Axis Y-Y	Value
I (Moment of Inertia)	0.418 in ⁴
S (Section Modulus)	0.278 in ³
R (Radius of Gyration)	0.664 in
Area	0.947 in ²
Weight	1.085 lb/LF

Item Number	Part Number	Description & Length	Panel Width	Typical Configuration	Material	Weight	Patent
1	R162	SFUSA Ground Mount Rail, 162"	38.58" – 39.41"	4 Panels High in Landscape	Aluminum 6005A – T61	15.3 lbs.	Patent No. 8,776,454 Patent No. 9,249,994 Patent No. 9,660,569
2	R171	SFUSA Ground Mount Rail, 171"	39.42" – 41.20"	4 Panels High in Landscape		16.1 lbs.	
3	R185	SFUSA Ground Mount Rail, 185"	41.61" – 45.20"	4 Panels High in Landscape		17.4 lbs.	
4	R202	SFUSA Ground Mount Rail, 202"	38.58" – 39.41"	5 Panels High in Landscape		19.0 lbs.	
5	R212	SFUSA Ground Mount Rail, 212"	39.42" – 41.60"	5 Panels High in Landscape		20.0 lbs.	
6	R230	SFUSA Ground Mount Rail, 230"	41.61" – 45.20"	5 Panels High in Landscape		22.1 lbs.	
7	R242	SFUSA Ground Mount Rail, 242"	38.58" – 39.41"	6 Panels High in Landscape		22.8 lbs.	
8	R254	SFUSA Ground Mount Rail, 254"	39.42" – 41.20"	6 Panels High in Landscape		23.9 lbs.	