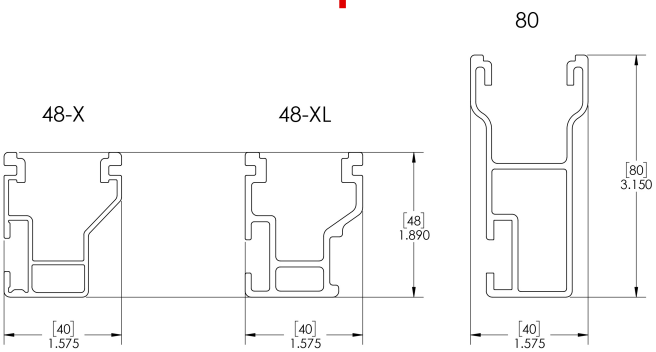
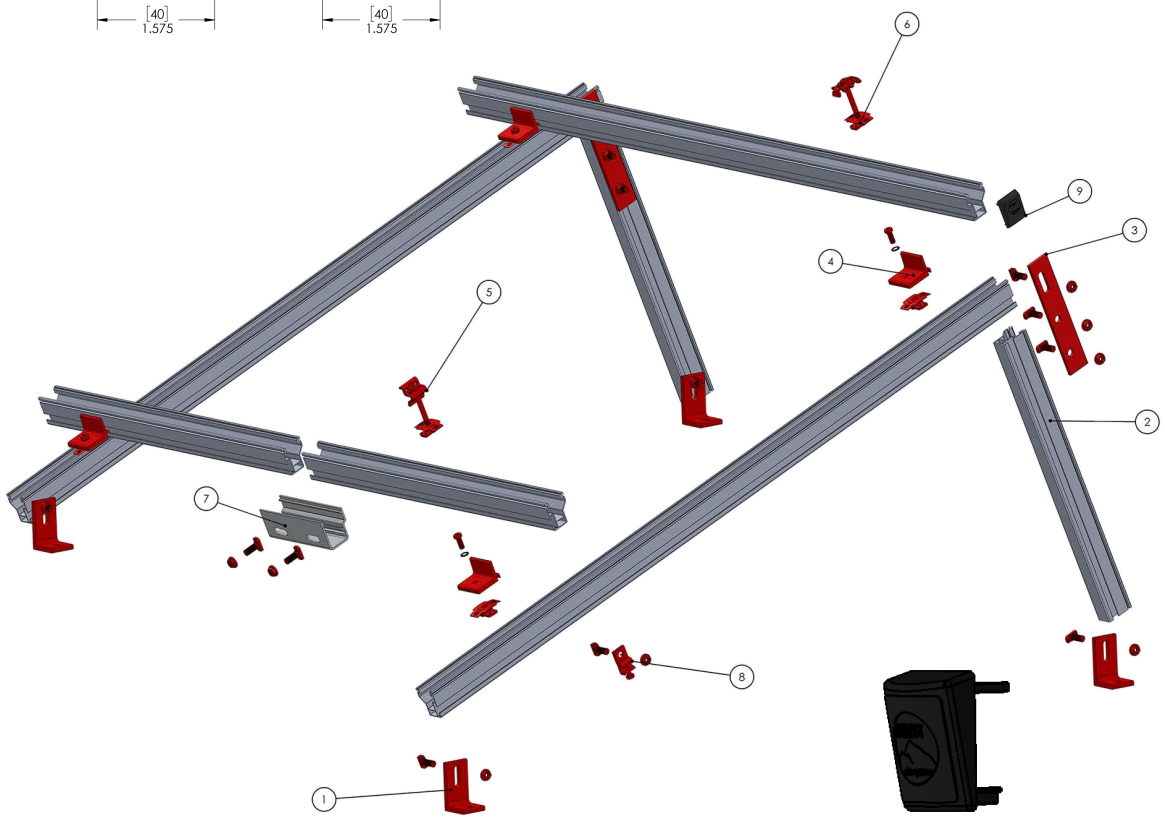
Technical Sheet
CrossRail Tilt Up

Mounting systems for solar technology





ITEM NO.	DESCRIPTION	PRODUCT NO.
1	L-Foot Slotted Set, Mill	4000630
2	CrossRail 48-X, Mill	multiple
3	Tilt Connector Set	4000505
4	Climber Set w/ Hole	4006042
5	CrossRail End Clamp, 30-50mm	multiple
6	CrossRail Mid Clamp, 30-47mm	multiple
7	Rail Connector CR 48-X,48-XL Structural Set, Mil	4000386
8	Burndy WEEB Lug 10.3 with Hardware	4000622
9	CrossRail End Cap, Black, CR 48-X, 48-XL	4000433
	**All dimensions in mm unless otherwise specified	

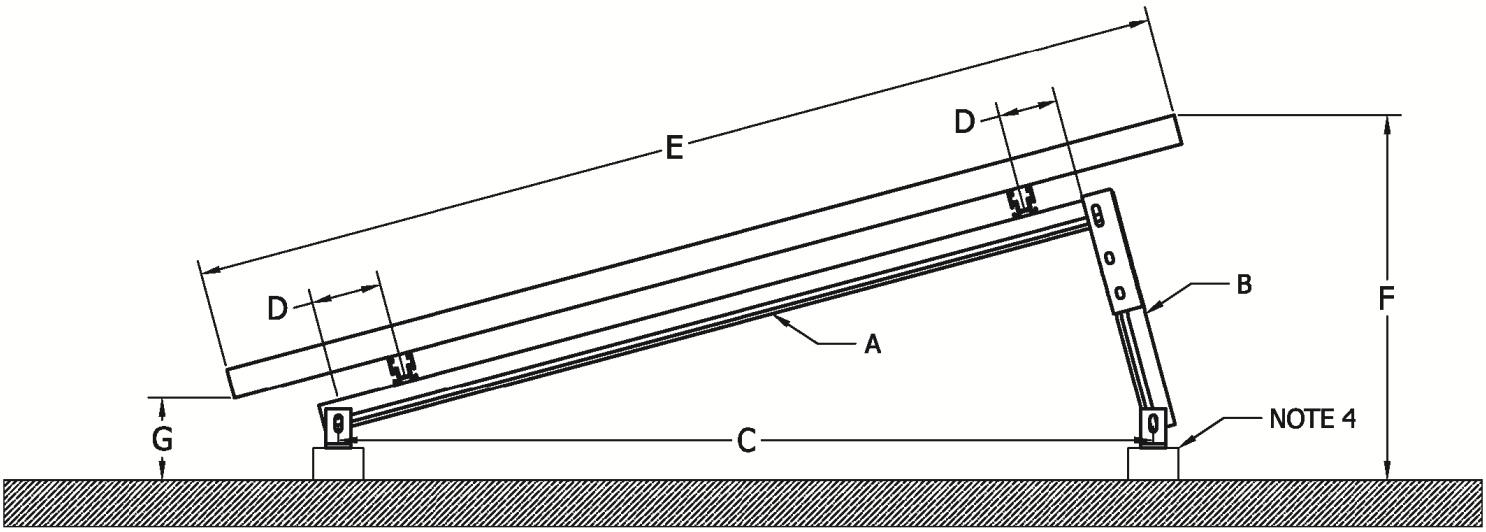


Figure 2: CrossRail Tilt Up Leg Dimensions

Dimension	Description	Desired Tilt Angle								
		15 Degrees			10 Degrees			7 Degrees		
		Portrait		Landscape	Portrait		Landscape	Portrait		Landscape*
		60-Cell	72-Cell	60 & 72	60-Cell	72-Cell	60 & 72	60-Cell	72-Cell	60 & 72
A	Front Leg	54.5	62	39	54.5	62	39	54.5	62	39
B	Rear Leg	15	16.5	10	9.5	11	6.75	6.5	7.5	4.75
C	L-Foot Spacing	54	64	40	53	63	39.5	52.5	62.5	39
D	Rail Offset	5	5	5	5	5	5	5	5	5
E	Module Length	65	79	39.5	65	79	39.5	65	79	39.5
F	Rear Module Height	22	25	10	17	18	7	14	15	5
G	Front Module Height	3 1/3	3 1/3	3 1/3	3 7/8	3 7/8	3 7/8	4 1/8	4 1/8	4 1/8

Table 1: CrossRail Tilt Up Installation Dimensions
Note: All dimensions are in inches.

NOTES:

1. Rail offset not to exceed 8 inches.
2. Rear module height not to exceed 24". Note that dimension provided in Table 2.1 does not include roof attachment height.
3. Front module height dimension does not include roof attachment height.
4. Roof attachment to be provided by installer. Installer responsible for ensuring compatibility with CrossRail Tilt Up. Refer to CrossRail Tilt Up Engineering Letter(s) for reaction loads at L-Feet.
5. Always refer to chosen PV module manufacturer's installation instructions for approved clamping locations. Dimensions in Table 2.1 assume a standard 60-cell module with clamping locations at the 1/6-points on the module's long edge; ~11 inches from the short edge.
6. Installer responsible for cutting rail to lengths specified "A" and "B" in Table 2.1.
7. Dimensions provided in Table 2.1 are suggested values. Installer shall verify dimensions are appropriate for the individual site conditions, selected PV module, and roof surface.
8. Adjust based on your installation needs.