

Ultra Rail Tilt Angle Table (Nominal) 5° - 30° Fixed Tilt Kits - Standoffs with Ultra Rail Tilt Clamps

Front to back attachment spacing	Landscape			Portrait		
	5 ½" & 10" Standoffs	5 ½" & 14" Standoffs	5 ½" & 23" Standoffs	5 ½" & 10" Standoffs	5 ½" & 14" Standoffs	5 ½" & 23" Standoffs
16"	16°	28°	N/A	N/A	N/A	N/A
24"	10°	20°	N/A	N/A	N/A	N/A
32"	8°	15°	28°	8°	15°	28°
48"	N/A	N/A	N/A	5°	10°	20°

Notes:

1. Table is based on 60 cell modules
2. Table assumes mounting zone on portrait modules not exceeding 25% of module length
3. Maximum tilt angle allowed = 30° relative to horizontal
4. All tilt ups must have 5-1/2" Standoff in front

