

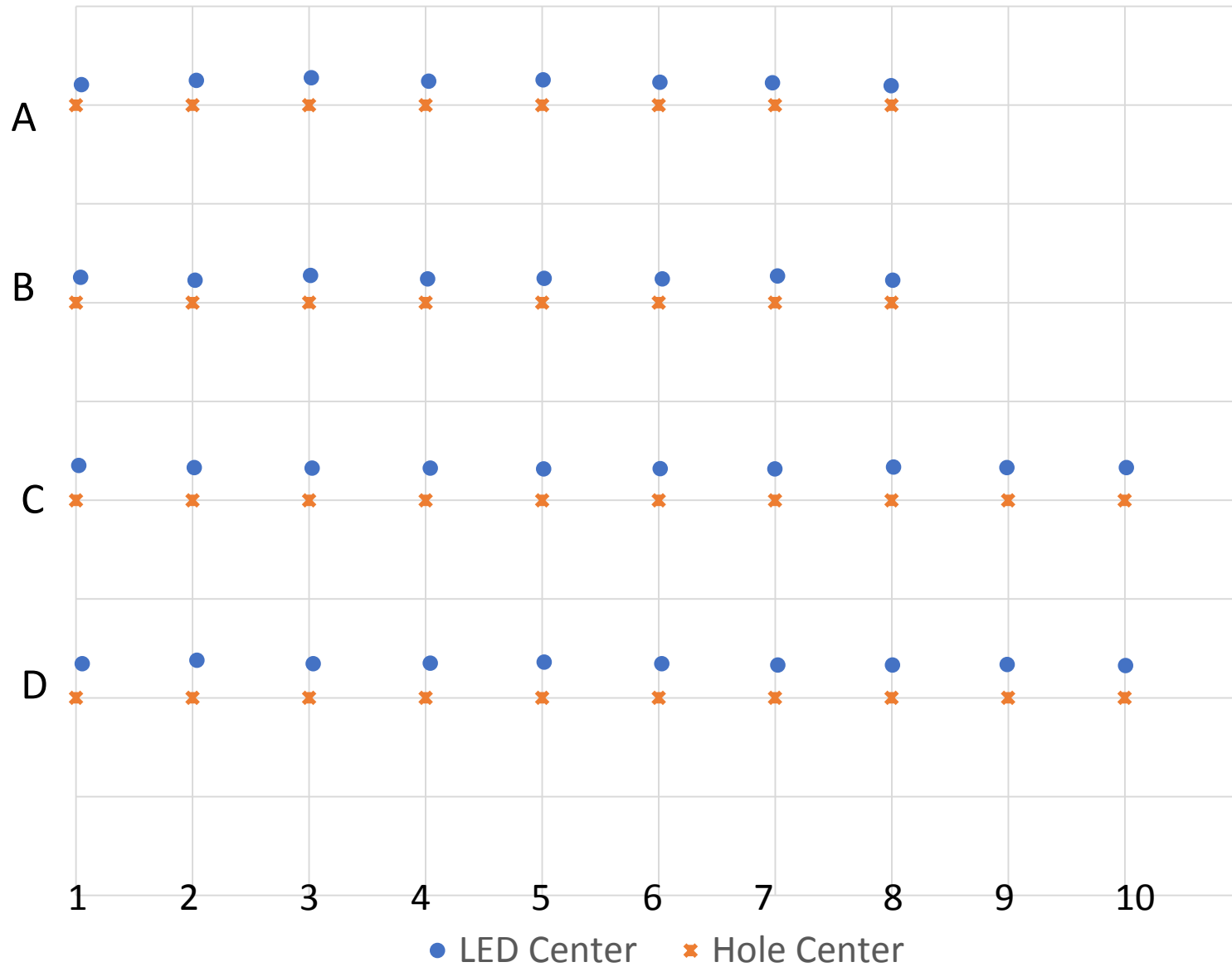
	X average (mm)	Y average (mm)	X standard deviation	Y standard deviation
A	.03	.23	.046	.030
B	.05	.25	.026	.020
C	.03	.33	.030	.327
D	.05	.34	.039	.018

Positive X Average =
Center of LED right of
center of ferrule hole

Positive Y Average =
Center of LED above
center of ferrule hole

Row #	X Average (mm)	Y Average (mm)	X Standard Deviation	Y Standard Deviation
1	.09	.29	.028	.096
2	.06	.30	.022	.083
3	.05	.31	.021	.070
4	.07	.29	.026	.074
5	.03	.29	.021	.072
6	.04	.28	.024	.072
7	.01	.29	.042	.068
8	.02	.27	.019	.081
9	-.02	.33	.001	.056
10	.02	.29	.010	.049

Averaged Upside Down/Right Side Up LED Positions



Distances
between
LEDs not to
scale

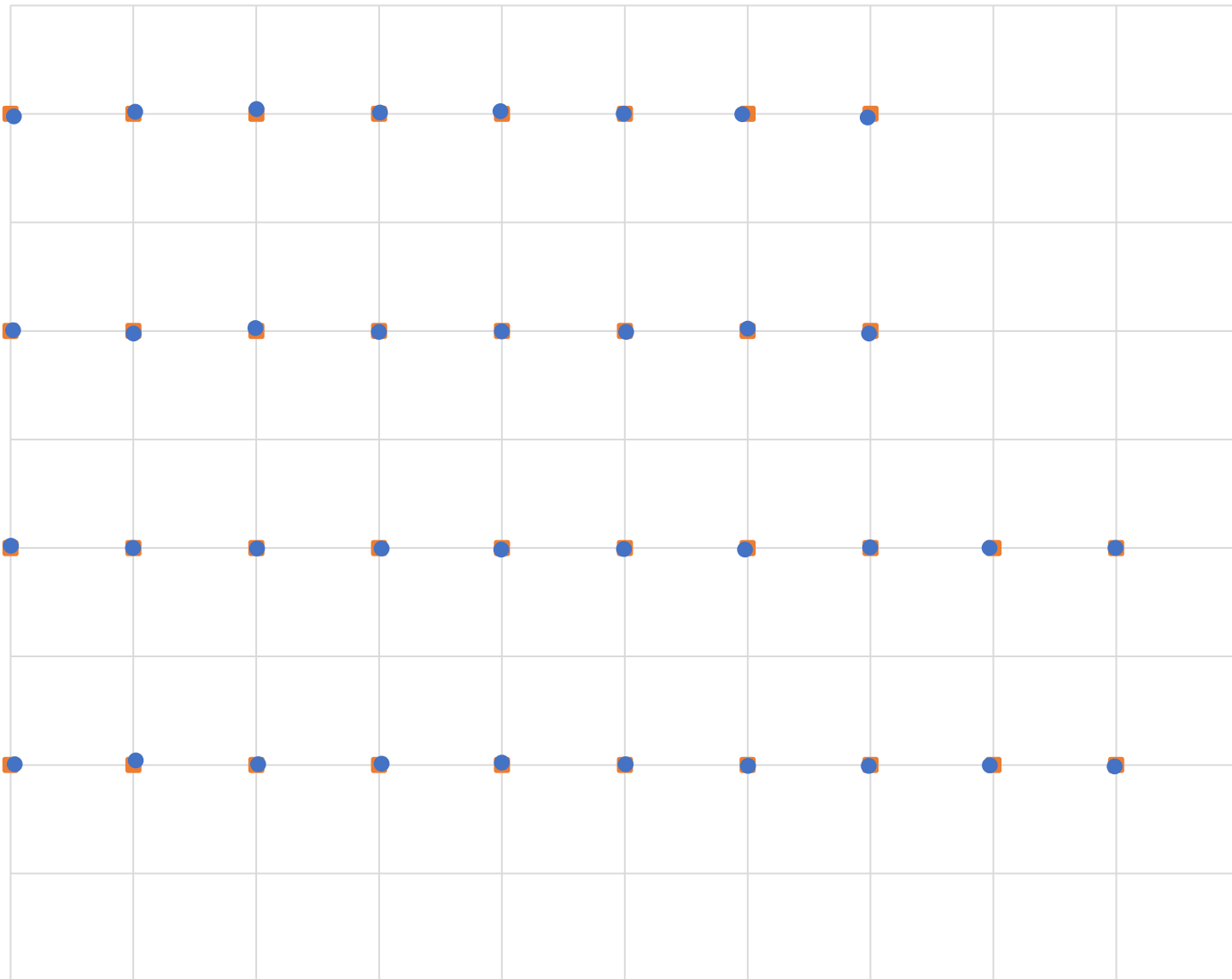
Recommend: Move all LEDs 40um left

Row A down 230um

Row B down 250um

Row C down 330um

Row D down 340um



Adjusted Map

■ Ferrule Hole Centers ● Adjusted LED Centers