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or a more complete understanding of the conditions that should produce the most favorable registrations, the Targeting and Accuracy Guide should e understood and followed. The information below provides a scheme that may be helpful to set projector registration accuracy expectations.

TOOL TARGET SPAN INFORMATION (IN)

TOOL A - CDS CERTIFICATION PLATE: 44X - 44Y

NOTE: WHEN REGISTERING AT DISTANCES 30 FEET OR GREATER, THE TARGET SEPARATION ON TOOL A IS LESS THAN THE MINIMUM RECOMMENDED TARGET SEPARATION. WHEN WORKING ON **COPLANAR** TARGETS THAT ARE **NORMAL** TO THE PROJECTOR, THE LACK OF TARGET SPACING TENDS TO HAVE THE GREATEST EFFECT IN THE CENTER OF THE PROJCETION FIELD.

TOOL B: 117X - 120Y

TOOL C: 224X - 99Y

MODEL: LG2A-LT

DISTANCE(FT)	5	10	15	20	25	30	35	40	45
TOOL A	0.006	0.008	0.010	0.013	0.017	0.024	0.033	0.042	0.044
TOOL B	-	0.006	0.008	0.011	0.014	0.019	0.023	0.029	0.034
TOOL C	-	-	-	0.013	0.018	0.021	0.024	0.028	0.031

MODEL: LG2A-LTE

DISTANCE(FT)	5	10	15	20	25	30	35	40	45	50
TOOL A	0.004	0.007	0.009	0.011	0.016	0.021	0.027	0.038	0.040	0.047
TOOL B	-	0.005	0.006	0.009	0.012	0.016	0.021	0.026	0.029	0.033
TOOL C	-	-	-	0.011	0.011	0.014	0.018	0.021	0.025	0.029

/hen setting expectations for RMS from registrations, the general rule is that registration RMS can be 0.010" or less when the projector is closer an 15 feet from the tool. At longer distances, **the expected RMS increases at a rate of 0.00125"/ft for LG2A-LT and 0.001"/ft for LG2A-LTE.**