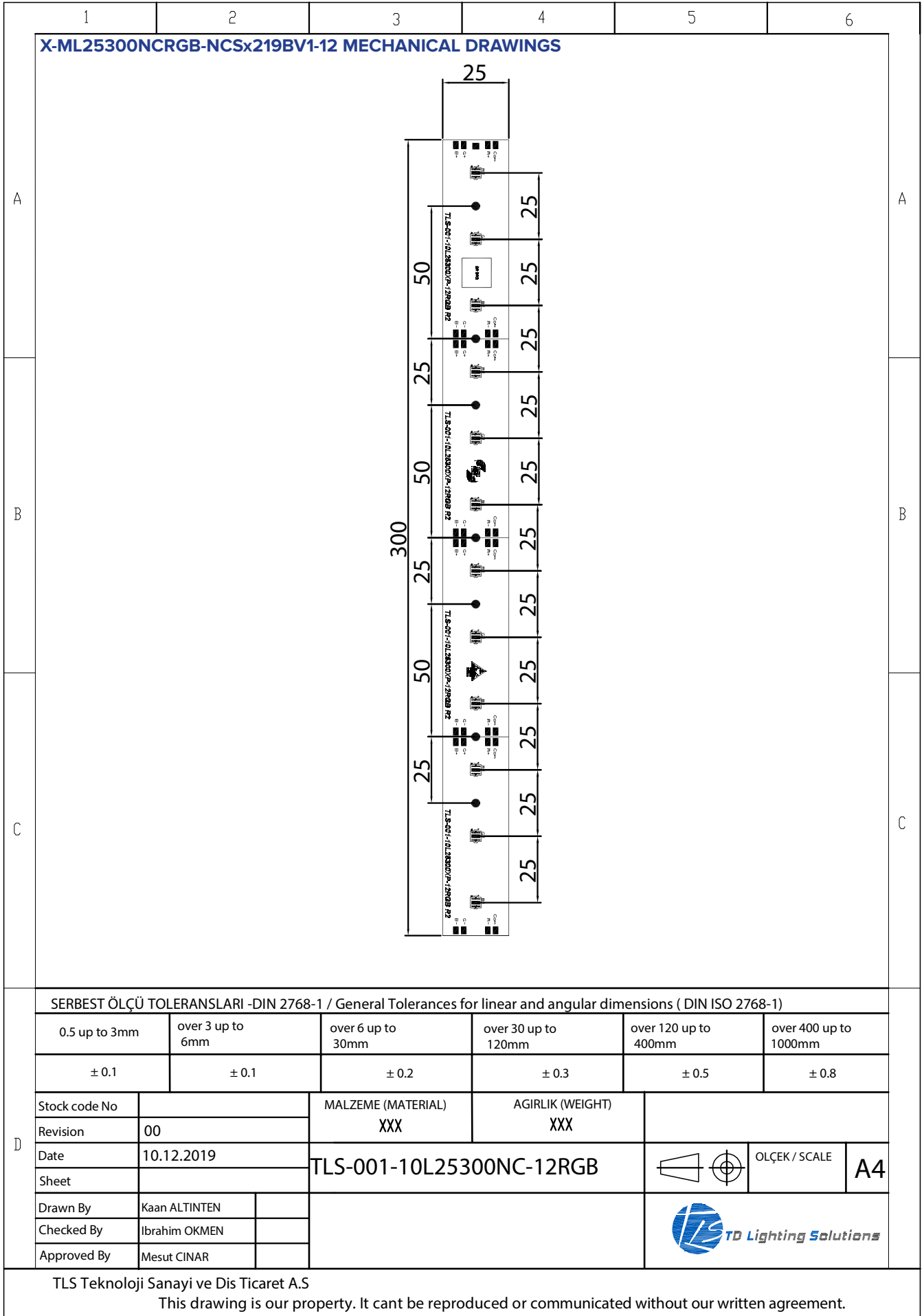


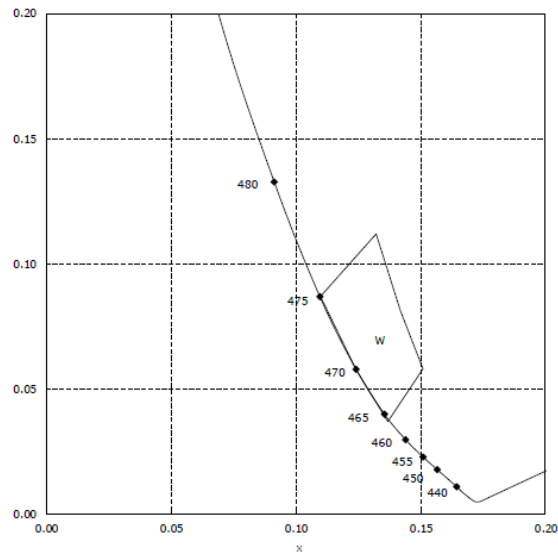
DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

Common Characteristic [@Tj : 85°C] ;			
Module Code	X-ML25300NCRGB-NCSx219BV1-12		
PCB Material	ALU	Electrical Connection	
Operating Temperature (°C)	-40 ~ +100	Parallel	1
Storage Temperature (°C)	-40 ~ +55	Series	4
Thermal Conductivity (W/m-K)	1.5	LED Quantity	4xRGB
LED NCSR219B-V1 (RED)			
Wavelength	~ (615nm-635nm)		
Max Current (mA)	700mA		
Module Operating Voltage (V)	8,32	8,84	9,47
Module Operating Current (mA)	350	500	700
Branch Operating Current (mA)	350	500	700
Module Power (W)	2,91	4,42	6,63
Module Light Output (lm)	187,1	265	367,9
Module Efficiency (lm/W)	64	60	56
LED NCSG219B-V1 (GREEN)			
Wavelength	~ (520nm-545nm)		
Max Current (mA)	1200mA		
Module Operating Voltage (V)	12,88	13,48	14,08
Module Operating Current (mA)	350	500	700
Branch Operating Current (mA)	350	500	700
Module Power (W)	4,50	6,60	9,86
Module Light Output (lm)	481,5	613,8	788,4
Module Efficiency (lm/W)	107	93	80
LED NCSB219B-V1 (BLUE)			
Wavelength	~ (464nm-475nm)		
Max Current (mA)	1500mA		
Module Operating Voltage (V)	11,12	11,63	11,95
Module Operating Current (mA)	350	500	700
Branch Operating Current (mA)	350	500	700
Module Power (W)	3,89	5,81	8,37
Module Light Output (lm)	159,5	209,3	259,3
Module Efficiency (lm/W)	41	36	31,0
R+G+B Light Output (lm)	828,2	1088,1	1415,7

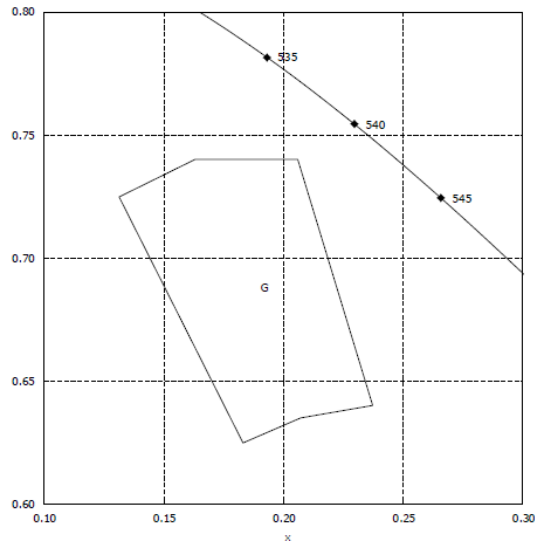


CCT AND BINNING INFORMATION

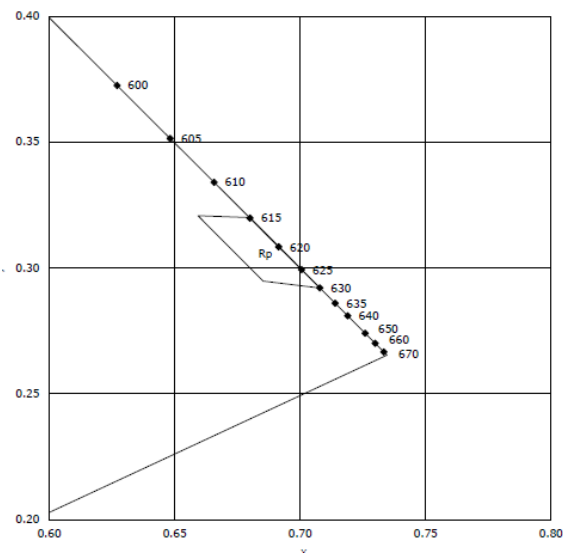
MODEL NUMBER: NCSB219BT-V1



MODEL NUMBER: NCSG219BT-V1



MODEL NUMBER: NCSR219BT-V1



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