

Display Model Number 919: Polished Front Surface

Test Conditions	Dark Room Data			Sunlight Condition MIL-STD-3009				LED Backlight Data			NVIS (MIL-L-3009)		
	Luminance ² (Nits)	Luminance ³ (Nits)	Contrast Ratio	Weber Contrast	Contrast Ratio	Direct Sunlight Only ⁴ Contrast	Display Class (0-6)	Rail Temperature °C	Power (Watts)	LED MTBF (Hours)	U', V'	Error Radius	NVIS Radiance B (nw/cm ² /sr)
OEM Performance ¹ (No modifications)	800		900	-	-	-	-	6.29	70,000/60,000	-	-	-	All tests performed at 25° C ambient
OEM Brightness	788	1080	723	2.12	3.12	4.45	3	3.65	118,000	0.182, 0.529	0.04	0.61	
OEM Power	1300	1660	722	3.22	4.22	6.13	4	6.29	118,000				
1000 Nits	1050	1340	714	2.66	3.66	5.24	3	4.96	118,000				
50° C Rail Temperature ⁵	1880	2410	720	4.51	5.51	8.06	4	50°	118,000				
Additional Brightness	500	666	667	1.49	2.49	3.56	2	2.38	118,000				

1 Based on LCD manufacturer's published specifications for OEM configuration

2 Video controller black level and contrast set to 50/50, respectively, for optimal brightness/contrast performance

3 Video controller black level and contrast set to 100/100 (not optimal operating condition)

4 Simulates direct sunlight interaction ONLY

5 May require active and/or passive cooling to prevent LCD from overheating; speak with Application Engineer for consultation