

Display Model Number 937: AR Film

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)	700	700	-	-	-	-	-	15.96	CCFL 50,000 (min)	-	-	-	All tests performed at 25° C ambient	
OEM Brightness	701	-	715	7.7	8.7	18.74	5	41° C	14.2	118,000	0.171, 0.524	0.039		0.67
OEM Power	788	-	716	8.1	9.1	21.29	5	43° C	16	118,000				
1000 Nits	1000	-	689	10.4	11.4	26.05	6	59.7° C	21.67	118,000				
50° C Rail Temperature ⁵	-	-	-	-	-	-	-	50° C	-	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