

Display Model Number 939: 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)	600	600	-	-	-	-	-	15.7	50K (4 CCFL)	-	-	-	All tests performed at 25° C ambient
OEM Brightness	600	-	-	-	-	-	-	8.3	118,000	0.167, 0.513	0.032	0.512	
OEM Power	1040	-	503	11.53	12.53	11.14	6	15	118,000				
1000 Nits	1040	-	503	11.53	12.53	11.14	6	15	118,000				
50° C Rail Temperature ⁵	-	-	-	-	-	-	-	50°	118,000				
Additional Brightness	750	-	-	-	-	-	-	10	118,000				
Additional Brightness	500	-	-	-	-	-	-	6.5	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