

**Display Model Number 948: AR Film**

Test Conditions	Dark Room Data			Sunlight Condition MIL-STD-3009				LED Backlight Data			NVIS (MIL-L-3009)		
	Luminance <sup>2</sup> (Nits)	Luminance <sup>3</sup> (Nits)	Contrast Ratio	Weber Contrast	Contrast Ratio	Direct Sunlight Only <sup>4</sup> Contrast	Display Class (0-6)	Rail Temperature °C	Power (Watts)	LED MTBF (Hours)	U', V'	Error Radius	NVIS Radiance B (mw/cm <sup>2</sup> /sr)
OEM Performance <sup>1</sup> (No modifications)	1500	650	-	-	-	-	-	-	CCFL 50,000 (Min)	-	-	-	All tests performed at 25° C ambient
OEM Brightness	-	-	-	-	-	-	-	-	118,000	-	-	-	
OEM Power	-	-	-	-	-	-	-	-	118,000	-	-	-	
1000 Nits	1010	-	459	7.5	8.5	7.59	5	18	118,000	-	-	-	
50° C Rail Temperature <sup>5</sup>	-	-	-	-	-	-	-	50°	118,000	-	-	-	
Tertiary Condition	-	-	-	-	-	-	-	-	118,000	-	-	-	

**Display Model Number 948-1: AG Film**

Test Conditions	Dark Room Data			Sunlight Condition MIL-STD-3009				LED Backlight Data			NVIS (MIL-L-3009)		
	Luminance <sup>2</sup> (Nits)	Luminance <sup>3</sup> (Nits)	Contrast Ratio	Weber Contrast	Contrast Ratio	Direct Sunlight Only <sup>4</sup> Contrast	Display Class (0-6)	Rail Temperature °C	Power (Watts)	LED MTBF (Hours)	U', V'	Error Radius	NVIS Radiance B (mw/cm <sup>2</sup> /sr)
OEM Performance <sup>1</sup> (No modifications)	1500	650	-	-	-	-	-	-	CCFL 50,000 (Min)	-	-	-	All tests performed at 25° C ambient
OEM Brightness	-	-	-	-	-	-	-	-	118,000	-	-	-	
OEM Power	-	-	-	-	-	-	-	-	118,000	-	-	-	
1000 Nits	1050	-	314	5.1	6.1	6.3	5	18	118,000	0.167, 0.515	0.034	1.61	
50° C Rail Temperature <sup>5</sup>	-	-	-	-	-	-	-	50°	118,000	-	-	-	
Tertiary Condition	-	-	-	-	-	-	-	-	118,000	-	-	-	

<sup>1</sup> Based on LCD manufacturer's published specifications for OEM configuration

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

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

<sup>4</sup> Simulates direct sunlight interaction ONLY

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