

Display Model Number 995: With OEM overlay

	Dark Room Data			Sunlight Condition MIL-STD-3009				LED Backlight Data			NVIS (MIL-L-3009)		
	Luminance ⁶ (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)	760	760	1200	-	-	-	-	50.40	70,000/60,000	-	-	-	All tests performed at 25° C Ambient
OEM Brightness	880	882	1354	5.45	6.45	4.92	Class 5	44.90	38.41	118,000	-	-	
OEM Power	1001	1002	1221	6.74	7.74	5.91	Class 5	47.30	50.20	118,000	-	-	
1000 Nits	1001	1002	1221	6.74	7.74	5.91	Class 5	47.30	50.20	118,000	-	-	
50° C Rail Temperature ⁵	1200	1201	1319	7.73	8.73	6.73	Class 5	55.30	62.77	118,000	-	-	

Display Model Number 995: With AR Film

	Dark Room Data			Sunlight Condition MIL-STD-3009				LED Backlight Data			NVIS (MIL-L-3009)			
	Luminance ⁶ (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)	760	760	1200	-	-	-	-	OEM	-	70,000/60,000	-	-	-	All tests performed at 25° C Ambient
OEM Brightness	860	861	1265	7.95	8.95	10.36	Class 5	44.90	38.41	118,000	-	-		
OEM Power	1002	1002	1222	9.33	10.33	11.94	Class 5	47.30	50.20	118,000	-	-		
1000 Nits	1002	1002	1222	9.33	10.33	11.94	Class 5	47.30	50.20	118,000	-	-		
50° C Rail Temperature ⁵	1200	1204	1304	11.20	12.20	14.25	Class 6	55.30	62.77	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

6 Video controller black level and contrast set to 50/100, respectively, for optimal brightness/contrast performance

Display Model Number 995: With AR/AG Film

	Dark Room Data			Sunlight Condition MIL-STD-3009				LED Backlight Data			NVIS (MIL-L-3009)			
	Luminance ⁶ (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)	760	760	1200	-	-	-	-	5.45	-	70,000/ 60,000	-	-	-	All tests performed at 25° C Ambient
OEM Brightness	860	861	1265	6.41	7.41	5.36	Class 5	45.20	38.85	118,000	-	-	-	
OEM Power	1001	1004	1206	7.66	8.66	6.18	Class 5	47.90	50.66	118,000	-	-	-	
1000 Nits	1001	1004	1206	7.66	8.66	6.18	Class 5	47.90	50.66	118,000	-	-	-	
50° C Rail Temperature ⁵	1180	1182	1269	9.14	10.14	7.22	Class 5	55.60	62.77	118,000	-	-	-	

Display Model Number 995: With AR Film

	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)	760	760	1200	-	-	-	-	-	-	70,000/ 60,000	-	-	-	All tests performed at 25° C Ambient
OEM Brightness	540	860	844	5.13	6.13	7.22	Class 5	-	38.63	118,000	-	-	-	
OEM Power	-	-	-	-	-	-	-	-	-	-	-	-	-	
1000 Nits	-	-	-	-	-	-	-	-	-	-	-	-	-	
50° C Rail Temperature ⁵	742	1220	773	7.05	8.05	9.63	Class 5	-	62.77	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

6 Video controller black level and contrast set to 50/100, respectively, for optimal brightness/contrast performance