

Display Model Number 926: AR Film Only

| 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) | 400 | | 1200 | - | - | - | - | - | 50,000 | - | - | - | All tests performed at 25° C ambient | |
| OEM Brightness | 399 | 515 | 1050 | 3.3 | 4.3 | 5.01 | 4 | - | 3.2 | 118,000 | 0.195, 0.507 | 0.018 | | 0.606 |
| OEM Power | 808 | 1008 | 998 | 4.17 | 5.17 | 4.9 | 4 | - | 6.47 | 118,000 | | | | |
| 1000 Nits | 1000 | 1217 | 980 | 5 | 6 | 5.48 | 5 | - | 8.5 | 118,000 | | | | |
| 50° C Rail Temperature ⁵ | 1200 | 1521 | 976 | 5.54 | 6.54 | 6.28 | 5 | 50° | 11.05 | 118,000 | | | | |
| Tertiary Condition | - | - | - | - | - | - | - | - | - | 118,000 | | | | |

Display Model Number 926-1: Heater Glass, EMI Mesh Filter, CP Touch, with AR (No bond)

| 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) | 400 | | 1200 | - | - | - | - | - | 50,000 | - | - | - | All tests performed at 25° C ambient | |
| OEM Brightness | 400 | 508 | 870 | 3.44 | 4.44 | 4.38 | 4 | - | 9.24 | 118,000 | 0.169, 0.531 | 0.046 | | 0.576 |
| OEM Power | 298 | 381 | 961 | 3.22 | 4.22 | 3.58 | 4 | - | 6.38 | 118,000 | | | | |
| 1000 Nits | Not Practical | | - | - | - | - | - | - | - | 118,000 | | | | |
| 50° C Rail Temperature ⁵ | 465 | 581 | 830 | 3.9 | 4.9 | 4.89 | 4 | 50° | 10.2 | 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

Display Model Number 926-2: Heater Glass, EMI Mesh Filter, CP Touch, with AR, Optically Bonded

| 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 (mW/cm ² /sr) |
| OEM Performance ¹ (No modifications) | 400 | 1200 | - | - | - | - | - | - | 50,000 | - | - | - | All tests performed at 25° C ambient |
| OEM Brightness | | | | | | | | | 118,000 | 0.170, 0.532 | 0.046 | 0.576 | |
| OEM Power | | | | | | | | | 118,000 | | | | |
| 1000 Nits | Not Practical | | - | - | - | - | - | - | 118,000 | | | | |
| 50° C Rail Temperature ⁵ | 762 | 819 | 819 | 5.34 | 6.34 | 7 | 5 | 50° | 10.2 | 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