



3 Optical Specifications

Test condition: VCC= 3.3V, VDDIO=1.8V , Vbat=3.7V , Ta=25°C

| Item | Symbol | Condition | Min | Typ | Max | Unit | Note |
|---------------------------|----------------|-------------------------------|--------------|-------|-------|-------|------|
| Luminance (with pol&lens) | Normal mode Bp | $\theta=0^\circ \phi=0^\circ$ | 720 | 800 | 880 | cd/m2 | |
| Uniformity | ΔBp | | 90 | -- | -- | % | |
| Viewing Angle | Left | θL | Cr \geq 10 | 80 | -- | -- | deg |
| | Right | θR | | 80 | -- | -- | |
| | Top | ψT | | 80 | -- | -- | |
| | Bottom | ψB | | 80 | -- | -- | |
| Contrast Ratio | Cr | $\theta=0^\circ \phi=0^\circ$ | 10000 | | -- | - | |
| Response Time | Tr | | -- | -- | 2 | ms | |
| | Tf | | -- | -- | 2 | ms | |
| | Tgray | | -- | -- | 2 | ms | |
| Color Coordin | Red | $\theta=0^\circ \phi=0^\circ$ | x | 0.660 | 0.680 | 0.700 | |
| | y | | 0.300 | 0.320 | 0.340 | | |