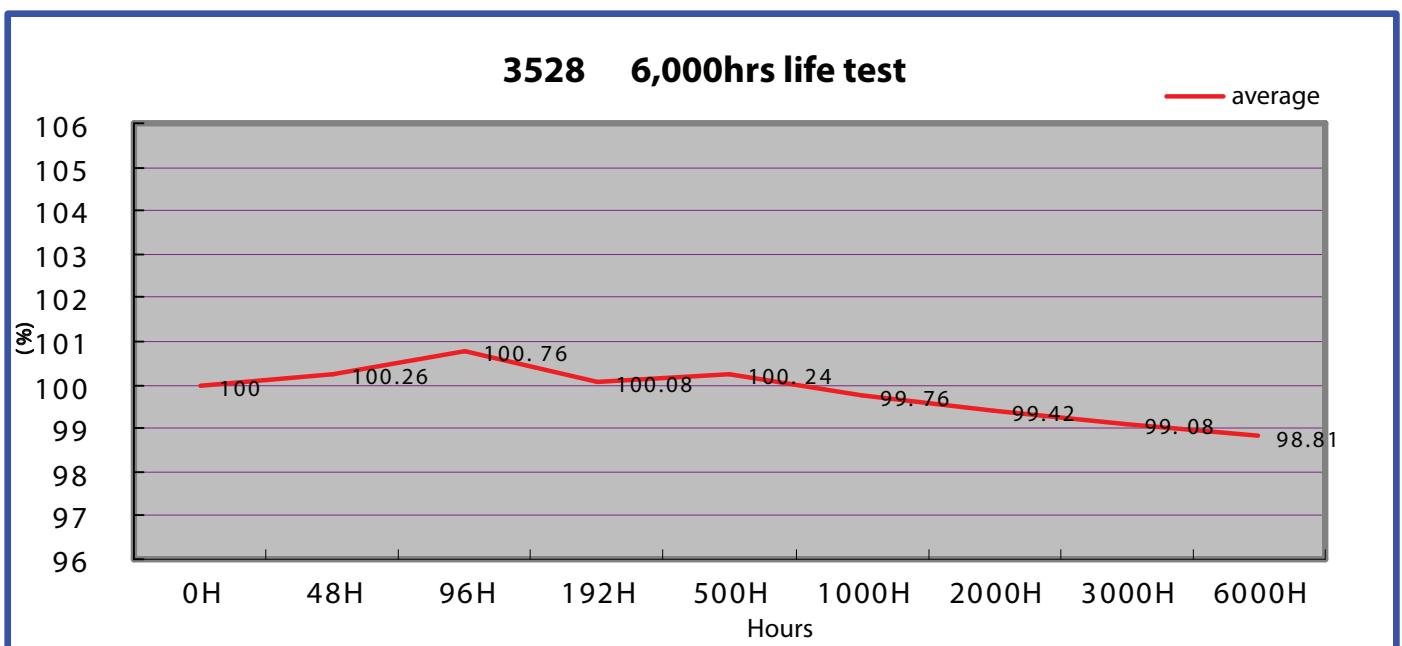


Product LED life test chart

SMD 3528 (6000 hrs life test, Temperature 25°C, IF= 20mA, Reverse current <5μA)

LED Die: J03AKAF B3 **Mount Support:**H013KC **Phosphor:**F05DF **Glue:** G03EEDC

| 3528 White LED life test chart | | | | | | | | | | |
|--------------------------------|------------|------|--------|--------|--------|--------|--------|-------|-------|-------|
| Time | | 0H | 48H | 96H | 192H | 500H | 1000H | 2000H | 3000H | 6000H |
| LED #1 | Lumen (lm) | 7.52 | 7.56 | 7.62 | 7.54 | 7.55 | 7.53 | 7.50 | 7.48 | 7.47 |
| | % | 100 | 100.53 | 101.33 | 100.27 | 100.40 | 100.13 | 99.73 | 99.47 | 99.34 |
| LED #2 | Lumen (lm) | 7.59 | 7.63 | 7.68 | 7.63 | 7.64 | 7.57 | 7.55 | 7.52 | 7.49 |
| | % | 100 | 100.53 | 101.19 | 100.53 | 100.66 | 99.74 | 99.47 | 99.08 | 98.68 |
| LED #3 | Lumen (lm) | 7.63 | 7.65 | 7.67 | 7.61 | 7.64 | 7.60 | 7.57 | 7.55 | 7.51 |
| | % | 100 | 100.26 | 100.52 | 99.74 | 100.13 | 99.61 | 99.21 | 98.95 | 98.43 |
| LED #4 | Lumen (lm) | 7.46 | 7.48 | 7.51 | 7.47 | 7.47 | 7.44 | 7.42 | 7.38 | 7.37 |
| | % | 100 | 100.27 | 100.67 | 100.13 | 100.13 | 99.73 | 99.46 | 98.93 | 98.79 |
| LED #5 | Lumen (lm) | 7.74 | 7.72 | 7.75 | 7.72 | 7.73 | 7.71 | 7.68 | 7.66 | 7.65 |
| | % | 100 | 99.74 | 100.13 | 99.74 | 99.87 | 99.61 | 99.22 | 98.97 | 98.84 |
| Mean Average | Lumen (lm) | 7.59 | 7.61 | 7.65 | 7.59 | 7.61 | 7.57 | 7.54 | 7.52 | 7.50 |
| | % | 100 | 100.26 | 100.76 | 100.08 | 100.24 | 99.76 | 99.42 | 99.08 | 98.81 |



Note: SMD 3528 using in naturalLED LHO-18T8 series.