

Lifespan

The following model series have single color LED lifespan as shown in the diagram below:-

- | | | |
|--------|-------|-------|
| -MLBX2 | -DFR4 | -IDQ3 |
| -MLBQ | -HPD2 | -BHDQ |
| -HLBRX | -IDS5 | -BHH |
| -DLR3 | -IDT3 | -CAS3 |
| -HCAS2 | -CASC | -MD |

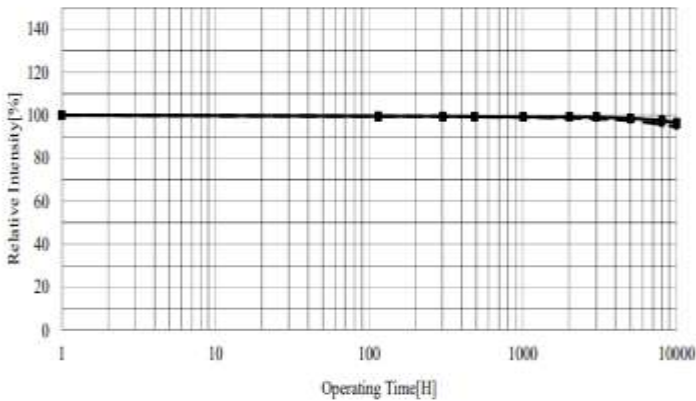
Lifespan for White LED

Life Data

Samples : 8pcs
Reflow : 260°C MAX
Rja : 34°C/W

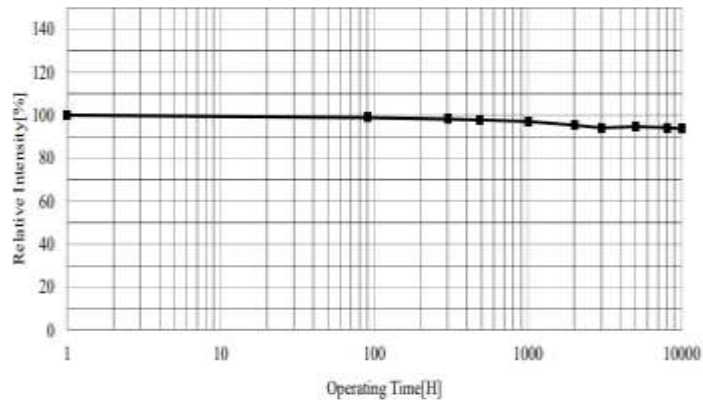
ROOM TEMPERATURE TEST

Ta = 25 deg C



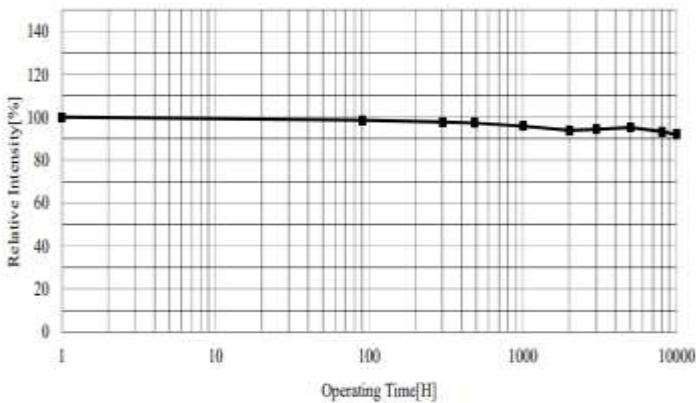
HIGH TEMPERATURE TEST

Ta = 60 deg C



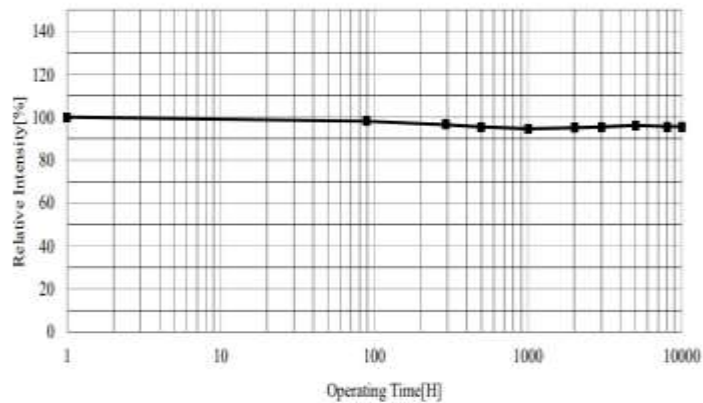
HIGH TEMPERATURE TEST

Ta = 85 deg C



HIGH TEMPERATURE & HIGH HUMIDITY

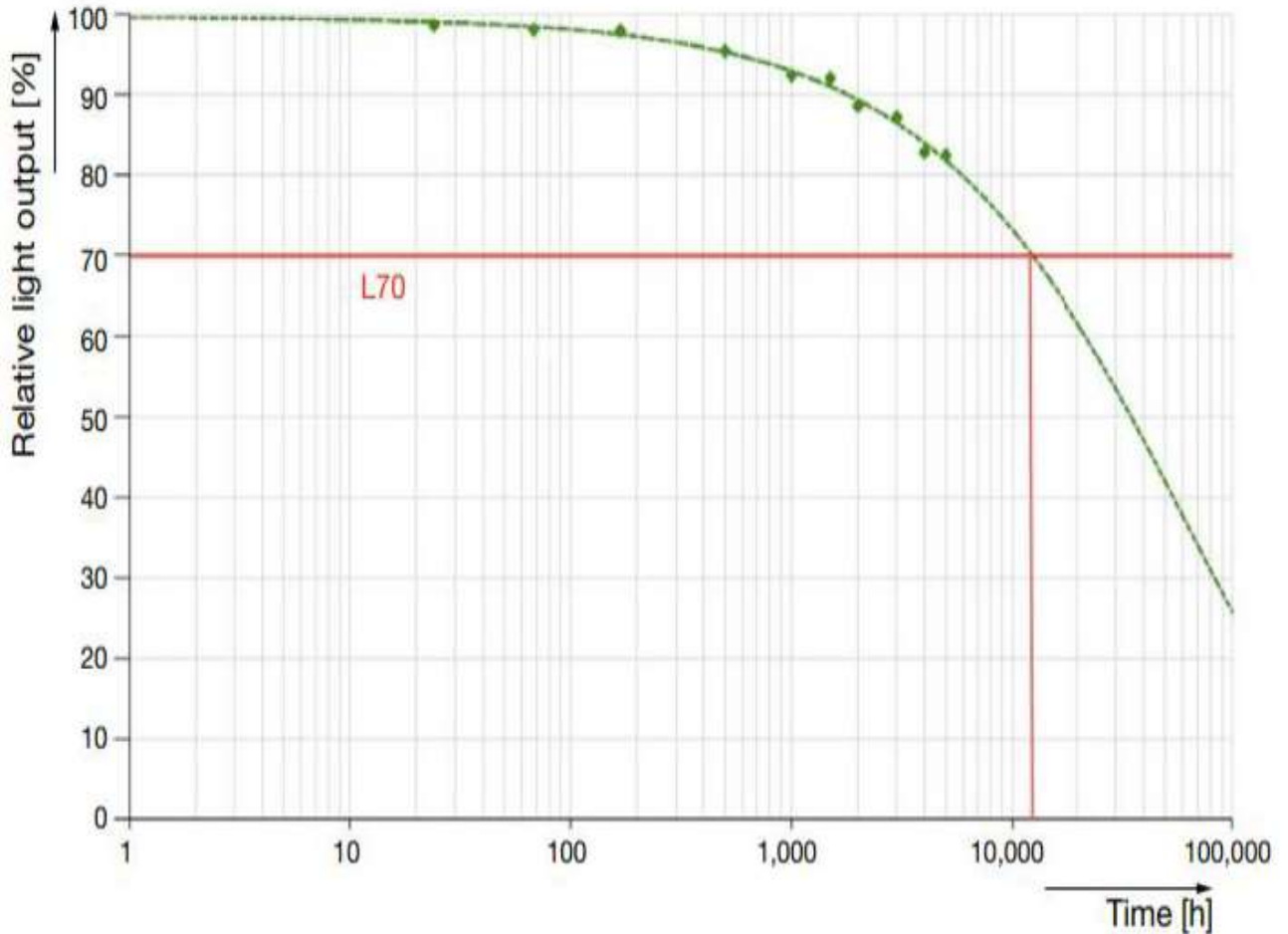
Ta = 60 deg C, RH = 90%



The following model series have single color LED lifespan as shown in the diagram below:-

- | | | |
|--------|-------|-------|
| -MLBX2 | -DFR4 | -IDQ3 |
| -MLBQ | -HPD2 | -BHDQ |
| -HLBRX | -IDS5 | -BHH |
| -DLR3 | -IDT3 | -CAS3 |
| -HCAS2 | -CASC | -MD |

Lifespan for R/G LED

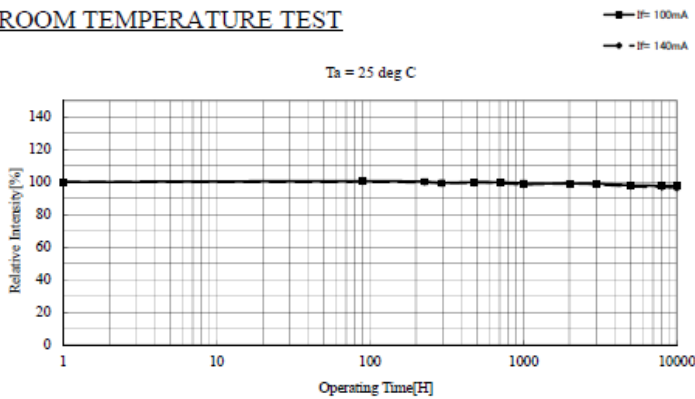


The following model series have single color LED lifespan as shown in the diagram below:-

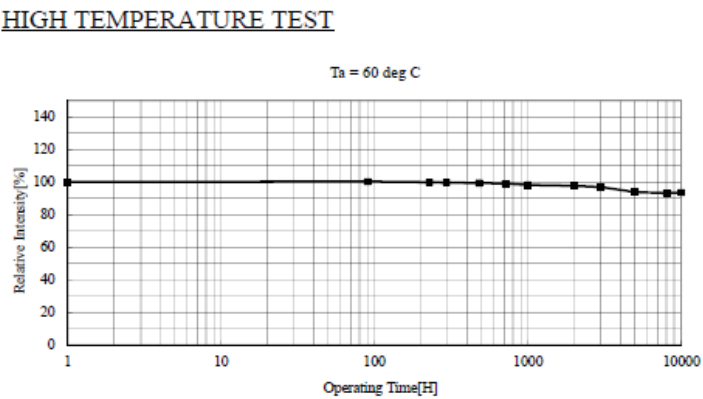
- | | | |
|--------|-------|-------|
| -MLBX2 | -DFR4 | -IDQ3 |
| -MLBQ | -HPD2 | -BHDQ |
| -HLBRX | -IDS5 | -BHH |
| -DLR3 | -IDT3 | -CAS3 |
| -HCAS2 | -CASC | -MD |

Lifespan for B LED

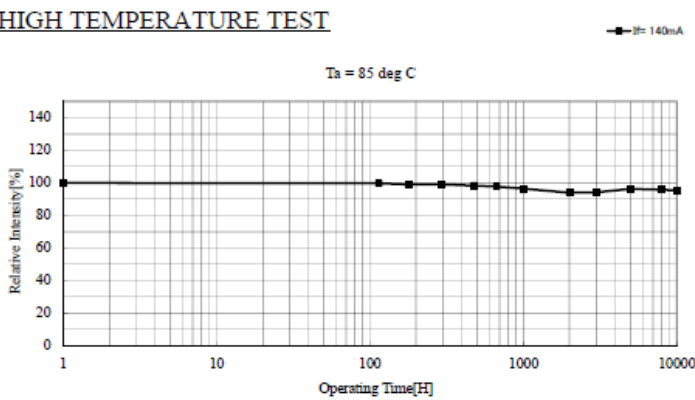
ROOM TEMPERATURE TEST



HIGH TEMPERATURE TEST



HIGH TEMPERATURE TEST



HIGH TEMPERATURE & HIGH HUMIDITY

