

Reliability test report

LT P/N LT3006WH-

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LED 50% LED LED1000
MTBF .

$$R(\%)=[e^{-}]$$

LED
1000
2.7183

50%/70%/80%

$$R(\%)=[e^{-}]$$

$$=[2.7183^{-(0.0419/1000hrs) t}]$$

=50%/70%/80%

, 50% LED
t = -
= -[(ln50%)/(0.0419/1000hrs)]
=16530hrs

, 70% LED
t = -[(ln7
= -[(ln70%)/(0.0419/1000hrs)]
=8506hrs

, 80% LED
t = -[(ln8
= -[(ln80%)/(0.0419/1000hrs)]