International standards on how life time of LED-luminaires should be declared have now been published. The standards are: IEC 62717 LED-modules for general lighting – Performance requirements IEC 62722-2-1 Particular requirements for LED luminaires.





TEXT REPORT Summary measurements for anyone state large another them and instant regulations					
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Real testing report at 6000hrs Ecodesign requirement for directional lamp report ECNo: 1194/2012 - 2009/125/EC ECNo. 224/2009 -2009/125/EC

EPR real testing at 6000hrs, PF=0.96, Ra 95, SDCM ~6 Lumen maintentance (%)= ~ 3%

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Base on real performance test at 6000hrs , The product operate in 50000ohrs, the Luminance maintentance less then > 25% The LB value

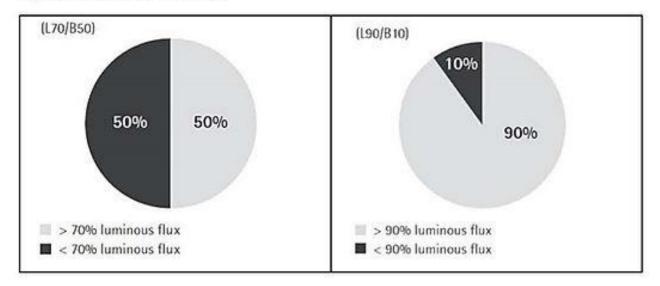
The L defines the percentage of lumen comparing with the initial lumens.

The B value means the failure data at the L data.

So LB value indicate the real lifetime at a certain hours.

So , L90B10 at 50,000 hours means the LED lamp keeping 90% lumen from initial lumen , only 10% light failed to reach 90% lumen.

L70B50 at 50,000 hours means the LED lamp keeping 50% lamp from initial lumen, only 50% light failed to reach 70% lumen.



From good quality to bad, that is L90B10, L80B10, L70B50 .