

Lumileds Italy srl

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By this document,

Lumileds communicates to the company "ELBA Lighting Technology" that the expected luminous flux depreciation of the L150-4070500600000 and L150-5070500600000 LEDs belonging to the LUXEON 5050 family is less than 5% per year calculated on an annual operating time of both 4380 H/years and 8760 H/years.

To attest this performance, Lumileds has released on Thu Oct 31 17:26:02 2019 the Lumileds BxxLyy Report to "ELBA Lighting Technology" in accordance with the European standard EN-62717 "LED MODULES FOR GENERAL LIGHTING - Performance requirements". Whose calculations are based on the applicable LM-80 Report for LUXEON 5050, using TM-21 projection method there is therefore no reason to consider these projections to be inconsistent with IESNA LM-80-08 "IES Approved Method: Measuring Lumen Maintenance Of LED Light Sources" or IES TM-21-11 "Projecting Long Term Lumen Maintenance Of LED Light Sources" standards.

Observation of design limits included in the product datasheet and the recommended assembly and handling procedure included in the Application Brief are required in order to achieve the attested performances.

Cinisello Balsamo, May 14, 2020

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