



## ***EC Declaration of Conformity (“DoC”)***

### **We**

Company name: Lumileds Netherlands B.V.  
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**declare that the EC Declaration of Conformity is issued under our sole responsibility and belongs to the following product(s):**

Product family: LUXEON XR 5050  
Type/Product name: LUXEON XR 5050 HE 8up12up16up  
Lumileds Product ID : L225-2270008MLU010; L225-2770008MLU010; L225-3070008MLU010  
L225-3570008MLU010; L225-4070008MLU010; L225-5070008MLU010  
L225-5770008MLU010; L225-2780008MLU010; L225-3080008MLU010  
L225-3580008MLU010; L225-4080008MLU010; L225-2270012MLU010  
L225-2770012MLU010; L225-3070012MLU010; L225-3570012MLU010  
L225-4070012MLU010; L225-5070012MLU010; L225-5770012MLU010  
L225-2780012MLU010; L225-3080012MLU010; L225-3580012MLU010  
L225-4080012MLU010; L225-2270016MLU010; L225-2770016MLU010  
L225-3070016MLU010; L225-3570016MLU010; L225-4070016MLU010  
L225-5070016MLU010; L225-5770016MLU010; L225-2780016MLU010  
L225-3080016MLU010; L225-3580016MLU010; L225-4080016MLU010

**The object of the declaration described above is in conformity with the relevant Union Harmonisation legislation:**

**DIRECTIVE 2011/65/EU and amendments** of the European Parliament and of the Council of 08 June 2011 on the restriction of the use of certain hazardous substances (**RoHS**) in electrical and electronic equipment (EEE)

**DIRECTIVE 2009/125/EC and amendments** of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products.

**Commission Regulation (EU) No 1194/2012** of 12 December 2012 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for directional lamps, light emitting diode lamps and related equipment.

**The following harmonised standards and technical specifications have been applied:**



**EN IEC 63000:2018** (Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances);

**IEC 62321-4:2013** (Determination of Mercury by ICP-OES); **IEC 62321-5:2013** (Determination of Cadmium & Lead by ICP-OES);

**IEC 62321-6:2015** (Determination of PBBs & PBDE by GC-MS); **IEC 62321-7-1:2015** (Determination of Cr<sup>6+</sup> by UV-Vis);

**IEC 62321-7-2:2017** (Determination of Cr<sup>6+</sup> by calorimetry); **IEC 62321-8:2017** (Determination of phthalates by GC-MS);

**EN 62031:2020+A11:2021** LED modules for general lighting — Safety specifications

**IEC/TR 62778:2014** Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires

**CIE 226:2017** High Speed testing methods for LEDs

**ANSI/IES LM-80** Measuring maintenance of light output characteristics of solid-state light sources

**ANSI/IES TM-21** Projecting long-term luminous, photon and radiant flux maintenance of LED light sources

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**Penang**

*Place of issue*

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**24<sup>th</sup> July 2025**

*Date of issue*

AKMAL BIN AZIZAN

**Global Head of Sustainability & EHS**

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*Name and Position of signee*