



## EC Declaration of Conformity (“DoC”)

Company name: Lumileds Netherlands BV.  
Postal address: Beemdstraat 42-46, 5652 AB Eindhoven  
City/Country: Eindhoven, the Netherlands  
Telephone number: +31 85 0434900  
E-Mail address: eprel@lumileds.com

**declare that the EC Declaration of Conformity is issued under our sole responsibility and belongs to the following product(s):**

Product family: XR5050 SQR  
Type/Product name: XR5050 SQR 2x4 5050 Module;  
XR5050 SQR 2x6 5050 Module;  
XR5050 SQR 2x8 5050 Module  
Lumileds Product ID: L213-2270008MRH001; L213-2770008MRH001; L213-2780008MRH001;  
L213-3070008MRH001; L213-3080008MRH001; L213-4070008MRH001;  
L213-4080008MRH001; L213-2270012MRH001; L213-2770012MRH001;  
L213-2780012MRH001; L213-3070012MRH001; L213-3080012MRH001;  
L213-4070012MRH001; L213-4080012MRH001; L213-2270016MRH001;  
L213-2770016MRH001; L213-2780016MRH001; L213-3070016MRH001;  
L213-3080016MRH001; L213-4070016MRH001; L213-4080016MRH001

**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 2019/2015** of 5 December 2019 laying down energy labelling requirements for light sources (Energy Labelling Regulation)

**Commission Regulation (EU) No 2019/2020** of 1 October 2019 laying down ecodesign requirements for light sources and separate control gears.

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

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

**EN 62471: 2008** Photobiological safety of lamps and lamp systems

**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

**Eindhoven**

*Place of issue*

**07.02.2023**

*Date of issue*

  
**Dr. Christian Förster - Director EHS & Sustainability**

*Name and Position of signee*