



EC Declaration of Conformity (“DoC”)

Company name: Lumileds Netherlands BV.
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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: Zhaga XR5050 SQR
Type/Product name: Zhaga XR5050 SQR 2x4 5050 Module;
Zhaga XR5050 SQR 2x6 5050 Module;
Zhaga 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; **EN 62493:2015+A1:2022**; **PD EPRS 001:2018-05** (based on **EN 62717:2017**); **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

04.12.2024

Date of issue

Dr. Christian Förster - Director EHS & Sustainability

Name and Position of signee