



Declaration of Conformity



GD000004 Light Conversion Pharos PH1-XXX CE Declaration of Conformity

Manufacturer

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Product

Femtosecond laser system "PHAROS" (models **PH1-xxx**)
With optional harmonics modules (models **PHMxxx-xx**)

The manufacturer declares under his sole responsibility that the above products are in accordance with **Directive 2014/35/EU** of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.

In addition, the above product and manufacturing environment conform to the essential requirements of the EU directives:

- ▶ 2014/30/EU Electromagnetic compatibility Directive
- ▶ 1907/2006 REACH Regulation
- ▶ EU 2015/863 RoHS 3 Directive
- ▶ 2006/42/EC Machinery Directive
- ▶ 89/391/EEC Workplace Health and Safety Framework Directive
- ▶ 2009/104/EC Directive concerning the minimum safety and health requirements for the use of work equipment by workers at work

The following standards were applied:

EN 55011:2016+A1:2017	Industrial, scientific and medical equipment - Radio-frequency disturbances characteristics: Conducted disturbance at the mains terminals.
EN 61000-3-2:2018	Harmonic current emission
EN 61000-3-3:2013	Voltage changes, fluctuations and flicker
EN 61000-6-1:2016	Electrostatic discharge immunity test
EN 61000-6-1:2016	Radiated RF electromagnetic field immunity test
EN 61000-6-1:2016	Electrical fast transients/burst immunity test
EN 61000-6-1:2016	Surges immunity test
EN 61000-6-1:2016	Immunity to conducted radio frequency electromagnetic disturbances
EN 61000-6-1:2016	Power frequency magnetic field immunity test
EN 61000-6-1:2016	Voltage dips, short interruptions and voltage variations immunity test
EN 61010-1:2010	Safety requirements for electrical equipment for measurement, control and laboratory use. Part 1: General requirements
IEC 60825-1:2014	Safety of laser products- Part 1: Equipment classification and requirements
ISO 12100:2010	Safety of machinery- General principles for design- Risk assessment and risk reduction

Signature:

Printed Name:

Title:

Date:

Darius Mikalauskas

Quality Manager

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