

## DECLARATION

### OF CONFORMITY EU

PFL 44/2022

**Manufacturer:** Perfand LED Andrzej Trawinski, Ledowa 1 street, 55-100 Trzebnica, Poland.

**Model Name:** HORTI 2 SQ

**Equipment Description:** LED Lighting Low voltage

**Rating:** 230V AC, 50-60HZ

We hereby the submitted products has been tested by us with the listed standards and found in compliance with the following European Directives:

- The Electromagnetic Compatibility Directive EMC **2014/30/EU**
- The Low Voltage Directive LVD **2014/35/EU**
- The European Union's Ecodesign Directive **2009/125/EC**
- RoHS 2 Directive ROHS2 **2011/65/EU**
- 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.

and harmonized norms, with above directives:

PN-EN 61000-6-2:2008 Electromagnetic compatibility (EMC)-Part 6-2: Generic standards. Immunity for industrial environments.

PN-EN 61000-6-3:2008/A1:2012 Electromagnetic compatibility (EMC) -Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments

PN-EN 61000-4-2:2011 Electromagnetic compatibility (EMC)- Part 4-2: Testing and measurement techniques – Electrostatic discharge immunity test

PN-EN 55015:2013-10 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

PN-EN 61000-4-3:2007 Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test

PN-EN 61000-4-4:2013-05 Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test

PN-EN 61000-4-5:2014-10 Electromagnetic compatibility (EMC) -- Part 4-5: Testing and measurement techniques - Surge immunity test

PN-EN 61000-4-6:2014-04 Electromagnetic compatibility (EMC) -- Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields

PN-EN 61000-4-11:2007 Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests

PN-EN 55016-2-1:2014-09 Specification for radio disturbance and immunity measuring apparatus and methods -- Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements

PN-EN 55016-2-3:2010 Specification for radio disturbance and immunity measuring apparatus and methods -- Part 2-3: Methods of measurement of disturbances and immunity -Radiated disturbance measurements

PN-EN 60598-1:2015-04 Luminaires -Part 1: General requirements and tests

PN-EN 60598-2-4 Luminaires - Part 2: Particular requirements - Section 4: Portable general purpose luminaires

Trzebnica, 10.11.2022  
(place, date)

**PERFAND LED**  
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