Declaration Of Conformity

T.R Ventures Ltd.
Unit 2, Southfield Industrial Estate
Praed Road
Trafford Park
MANCHESTER
M17 1SJ

T.R Ventures Ltd. declares under its sole responsibility that the product

Syndeo by Tagra | Double IR | Wired LED Sensor | IP20

ITM001673

is in conformity with the provisions of the following statutory requirements, including all amendments, and with national legislation implementing these regulations:

- The Electrical Equipment (Safety) Regulations 2016 - UK SI 2016 No. 1101
- The Electromagnetic Compatibility Regulations 2016 - UK SI 2016 No. 1091
- The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - UK SI 2012 No. 3032

The following designated standards have been applied

The Electrical Equipment (Safety) Regulations 2016 - EN IEC 61058-1:2018 (Switches for appliances - Part 1: General requirements)

The Electromagnetic Compatibility Regulations 2016 - EN IEC 55015:2019+A11:2020 (Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment)

The Electromagnetic Compatibility Regulations 2016 - EN IEC 61000-3-2:2019+A1:2021+A2:2024: (Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase) (IEC 61000-3-2:2018 + IEC 61000-3-2:2018/A1:2020 + IEC 61000-3-2:2018/AMD2:2024))

The Electromagnetic Compatibility Regulations 2016 - EN 61000-3-3:2013+A1:2019+A2:2021 (Electromagnetic compatibility (EMC)-Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A per phase and not subject to conditional connection)

The Electromagnetic Compatibility Regulations 2016 - EN IEC 61547:2023 (Equipment for general lighting purposes - EMC immunity requirements)

The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - IEC 62321-3-1:2013 (Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine using X-ray fluorescence spectrometry)

The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - IEC 62321-4:2013+A1:2017 (Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS)

The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - IEC 62321-5:2013 (Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS)

The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - IEC 62321-6:2015 (Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatograhy -mass spectometry (GC-MS))

The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - IEC 62321-7-1:2015 (Determination of certain substances in electrotechnical products - Part 7-1: Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method)

The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - IEC 62321-7-2:2017 (Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method)

The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - IEC 62321-8:2017 (Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS))

Authorised signatory:



Thomas Ralston (Managing Director)

Date: 2026-05-26

Given for and on behalf of T.R Ventures Limited but without personal liability.

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is in conformity with the provisions of the following statutory requirements, including all amendments, and with national legislation implementing these regulations:

- Low Voltage Directive - 2014/35/EU
- Electro Magnetic Compatibility Directive - 2014/30/EU
- Restriction of Hazardous Substances - 2011/65/EU

The following designated standards have been applied

Low Voltage Directive - EN IEC 61058-1:2018 (Switches for appliances - Part 1: General requirements)

Electro Magnetic Compatibility Directive - EN IEC 55015:2019+A11:2020 (Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment)

Electro Magnetic Compatibility Directive - EN IEC 61000-3-2:2019+A1:2021+A2:2024: (Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase) (IEC 61000-3-2:2018 + IEC 61000-3-2:2018/A1:2020 + IEC 61000-3-2:2018/AMD2:2024))

Electro Magnetic Compatibility Directive - EN 61000-3-3:2013+A1:2019+A2:2021 (Electromagnetic compatibility (EMC)-Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A per phase and not subject to conditional connection)

Electro Magnetic Compatibility Directive - EN IEC 61547:2023 (Equipment for general lighting purposes - EMC immunity requirements)

Restriction of Hazardous Substances - IEC 62321-3-1:2013 (Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine using X-ray fluorescence spectrometry)

Restriction of Hazardous Substances - IEC 62321-4:2013+A1:2017 (Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS)

Restriction of Hazardous Substances - IEC 62321-5:2013 (Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS)

Restriction of Hazardous Substances - IEC 62321-6:2015 (Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatograhy -mass spectometry (GC-MS))

Restriction of Hazardous Substances - IEC 62321-7-1:2015 (Determination of certain substances in electrotechnical products - Part 7-1: Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method)

Restriction of Hazardous Substances - IEC 62321-7-2:2017 (Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method)

Restriction of Hazardous Substances - IEC 62321-8:2017 (Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS))

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