# Declaration Of Conformity

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

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

## Syndeo by Tagra | IR | Single | Wired LED Sensor | IP20

## ITM002337

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

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## 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))

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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

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## 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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