

### **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 | LED Strip Light | 120 LEDs p/m | 12V | IP65 | 9.6W p/m | 3000K | 5M Reel

#### PPS12-3K-120-5M-80-IP

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 - BS EN 60598-2-1:2021 (Luminaires - particular requirements - Fixed general purpose luminaires)

The Electrical Equipment (Safety) Regulations 2016 - BS EN 60598-1:2021 (Luminaires - General requirements and tests)

The Electrical Equipment (Safety) Regulations 2016 - BS EN 62493:2015+A1:2022: (Assessment of lighting equipment related to human exposure to electromagnetic fields)

**The Electrical Equipment (Safety) Regulations 2016** - BS EN IEC 62031:2020+A11:2021: (LED modules for general lighting - Safety specifications)

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

The Electromagnetic Compatibility Regulations 2016 - BS EN 61547:2009 (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 62321-7-1:2015 (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 62321-6:2015 (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 62321-8:2017 (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)

WHS

Date: 2025-10-08

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



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#### PPS12-3K-120-5M-80-IP

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** - BS EN 60598-2-1:2021 (Luminaires - particular requirements - Fixed general purpose luminaires)

Low Voltage Directive - BS EN 60598-1:2021 (Luminaires - General requirements and tests)

**Low Voltage Directive** - BS EN 62493:2015+A1:2022: (Assessment of lighting equipment related to human exposure to electromagnetic fields)

**Low Voltage Directive** - BS EN IEC 62031:2020+A11:2021: (LED modules for general lighting - Safety specifications)

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

**Electro Magnetic Compatibility Directive** - BS EN 61547:2009 (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 62321-7-1:2015 (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 62321-6:2015 (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 62321-8:2017 (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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Thomas Ralston (Managing Director)

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