

Document number: 2020 / 25  
Manufacturer or representative: Radium Lampenwerk GmbH  
Address: Dr.-Eugen-Kersting-Straße 6  
51688 Wipperfürth  
Germany  
Brand name or trade mark: Radium  
Product type: LED modules  
Product designation: LED Star Strip  
☒ See attached list

The designated product(s) is (are) in conformity with the relevant Union harmonisation legislation:

- |                                     |                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/>            | <b>2014/35/EU</b><br>and amendments                                     | Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits                                                                                                                                                          |
| <input checked="" type="checkbox"/> | <b>2014/30/EU</b><br>and amendments                                     | Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility                                                                                                                                                                                                                                      |
| <input checked="" type="checkbox"/> | <b>2009/125/EC</b><br>and amendments, incl.<br><b>2019/2020, Art. 7</b> | Directive of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products<br>Article 7 of Commission Regulation (EU) 2019/2020 of 1 October 2019 laying down ecodesign requirements for light sources and separate control gears pursuant to Directive 2009/125/EC of the European Parliament and of the Council |
| <input type="checkbox"/>            | <b>244/2009</b><br>and amendments                                       | Commission Regulation (EC) implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for non-directional household lamps                                                                                                                                                                                                                            |
| <input type="checkbox"/>            | <b>245/2009</b><br>and amendments                                       | Commission Regulation (EC) implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for fluorescent lamps without integrated ballast, for high intensity discharge lamps, and for ballasts and luminaires able to operate such lamps                                                                                                               |
| <input checked="" type="checkbox"/> | <b>1194/2012</b><br>and amendments                                      | 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                                                                                                                                                       |
| <input checked="" type="checkbox"/> | <b>2011/65/EU</b><br>and amendments                                     | Directive of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment                                                                                                                                                                                                                                      |
| <input type="checkbox"/>            | <b>2014/53/EU</b><br>and amendments                                     | Directive of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC                                                                                                                                                                               |

Last two digits of the year in which the CE marking was affixed: 20

Place and date of signatures: Wipperfürth, 21.12.2020

Signatures:



Technical Director



Quality Manager

Names: Dirk Böhnke

Bernhard Kläser

Customer service contact: Radium Lampenwerk GmbH, Dr.-Eugen-Kersting-Straße 6, 51688 Wipperfürth, Deutschland

This declaration of conformity is issued under the sole responsibility of the manufacturer or representative. It certifies compliance with the indicated Directives, but implies no warranty of properties

# EU Declaration of Conformity

## Annex

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The conformity of the designated product(s) with the provisions of the European **EMC Directive, 2014/30/EU** is given by the compliance with the following European Standard(s) or other specifications. If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

|                                   |                                                                                                                     |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>EN 55015:</b><br>2019+A11:2020 | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment |
| <b>EN 61547:</b><br>2009          | Equipment for general lighting purposes — EMC immunity requirements                                                 |

The conformity of the designated product(s) with the provisions of the European **eco design (ERP) Directive 2009/125/EC** is given by the compliance with the following European Standard(s). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| <b>EN 62717:</b><br>2017+A1:2019 | LED modules for general lighting –Performance requirements |
|----------------------------------|------------------------------------------------------------|

The conformity of the designated product(s) with the provisions of the European Directive **2011/65/EU (RoHS)** is given by the compliance with the following European Standard(s) or other specifications. If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

|                          |                                                                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EN 50581:</b><br>2012 | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------|

### List of additional standards, the product is compliant to:

|                                              |                                                          |
|----------------------------------------------|----------------------------------------------------------|
| <b>EN 62031:</b><br>2008 + A1:2013 + A2:2015 | LED modules for general lighting — Safety specifications |
| <b>EN 62471:</b><br>2008                     | Photobiological safety of lamps and lamp systems         |

# EU Declaration of Conformity

## Attached list

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| Art.-No. | Technical Type                     |
|----------|------------------------------------|
| RSTA2901 | LED STRIP 900WD S 930-919/24V IND  |
| RSTA2905 | LED STRIP 900WD S 930-919/24V 5M   |
| RSTA2900 | LED STRIP 900WD S 930-919/24V 50M  |
| RSTA2911 | LED STRIP 900WD S 940-919/24V IND  |
| RSTA2915 | LED STRIP 900WD S 940-919/24V 5M   |
| RSTA2910 | LED STRIP 900WD S 940-919/24V 50M  |
| RSTA2921 | LED STRIP 1500WD S 930-919/24V IND |
| RSTA2925 | LED STRIP 1500WD S 930-919/24V 5M  |
| RSTA2920 | LED STRIP 1500WD S 930-919/24V 50M |
| RSTA2931 | LED STRIP 1500WD S 940-919/24V IND |
| RSTA2935 | LED STRIP 1500WD S 940-919/24V 5M  |
| RSTA2930 | LED STRIP 1500WD S 940-919/24V 50M |
| RSTA2941 | LED STRIP 1000ZP S 927/24V IND     |
| RSTA2945 | LED STRIP 1000ZP S 927/24V 5M      |
| RSTA2940 | LED STRIP 1000ZP S 927/24V 50M     |
| RSTA2951 | LED STRIP 1000ZP S 930/24V IND     |
| RSTA2955 | LED STRIP 1000ZP S 930/24V 5M      |
| RSTA2950 | LED STRIP 1000ZP S 930/24V 50M     |
| RSTA2961 | LED STRIP 1000ZP S 940/24V IND     |
| RSTA2965 | LED STRIP 1000ZP S 940/24V 5M      |
| RSTA2960 | LED STRIP 1000ZP S 940/24V 50M     |
| RSTA2971 | LED STRIP 1000ZP S 965/24V IND     |
| RSTA2975 | LED STRIP 1000ZP S 965/24V 5M      |
| RSTA2970 | LED STRIP 1000ZP S 965/24V 50M     |