

**OVE Austrian Electrotechnical Association**  
Eschenbachgasse 9 | 1010 Wien | Austria  
ZVR: 327279890 | www.ove.at



**OVE Certification**  
Kahlenberger Str. 2A | 1190 Wien | Austria  
T +43 1 370 58 06 | certification@ove.at

ENEC Certification Body registered under ID # 11.

Validity of ENEC Licences can be checked at [www.enec.com](http://www.enec.com)

# LICENCE

to use the European Mark



Licence No.: **7590-326**

Date of issue: Wien, 2022 08 30  
Rev. No.: 02 Wien, 2024 05 14

OVE the Austrian Electrotechnical Association as signatory to the **"Agreement on the use of a commonly agreed Mark of Conformity for certain electrical equipment complying with European Standards"** hereby grants the right to label the products mentioned hereunder and listed in the Annex with the Mark(s) shown above to the following company

Licensee: **Tridonic GmbH & Co KG**  
Färbergasse 15  
6851 Dornbirn  
Austria

Product: **Electronic control gears for LED-modules**

Trade Mark: **TRIDONIC**

Series/Type: **LC ... 48V one4all ...**

Basis for this given right is the conformity of the products with the requirements of the relevant Standard(s) as listed in the Annex and the fulfilment of articles 8 and 9 of the ENEC-Agreement by the manufacturer. This licence refers to the tested specimen and to all products manufactured strictly identical to the submitted one.

This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.

**Österreichischer Verband für Elektrotechnik**  
Head of OVE Certification

*T. Neumayer*

Digitally signed by T. Neumayer  
Email=t.neumayer@ove.at

Dipl.-Ing. T. Neumayer



## OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.



|  |   |
|--|---|
| <i>Hersteller<br/>Manufacturer</i>                       | <b>Tridonic GmbH &amp; Co KG<br/>Färbergasse 15<br/>6851 Dornbirn<br/>Austria</b>   |
| <i>Fertigungsstätte(n)<br/>Factory location(s)</i>       | <b>ID: 7590<br/><br/>ID: 87468</b>  |
| <i>Typenbezeichnung<br/>Type reference</i>               | <b>LC ... 48V one4all NF SC EXC ...,<br/>LC ... 48V one4all NF h16 EXC,<br/>LC ... 48V one4all NF Ip EXC,<br/>see page 4</b>  |
| <i>* Prüfbericht<br/>Test Report</i>                     | <b>TR 7590-0007-01 ECS,<br/>TR 7590-0007-02 ECS,<br/>TR 7590-0061-01 ECS,<br/>TR 7590-0061-01a ECS,<br/>TR 7590-0061-02 ECS,<br/>TR 7590-0062-01 ECS,<br/>TR 7590-0062-02 ECS</b> |
| <i>Nationale Bestimmung(en)<br/>National Standard(s)</i> | <b>OVE EN 61347-1:2021-09-01<br/>OVE EN 61347-2-13:2017-11-01<br/>OVE EN IEC 62384:2021-04-01</b>   |
| <i>Europannorm(en)<br/>European Standard(s)</i>          | <b>EN 61347-1:2015 + A1:2021<br/>EN 61347-2-13:2014 + A1:2017<br/>EN IEC 62384:2020</b>   |
| <i>* Ersatz für Zertifikat<br/>Superseded licence</i>    | <b>7590-326 Rev. 01 dated 2024 02 21<br/>Items modified are marked with an asterisk (*)</b>   |
| <i>Anmerkung(en)<br/>Remark(s)</i>                       | <b>Complies with the additional requirements for<br/>emergency lighting according Annex J of<br/>EN 61347-2-13:2014+A1:2017.</b>  |

## OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.

|   |   |
|---|---|
| <i>Nennspannung</i><br><i>Rated voltage</i>   | <b>220-240 V, 50/60 Hz</b><br><b>DC 220-240 V</b>                     |
| <i>Höchste Ausgangsspannung</i><br><i>Max. output voltage</i>   | <b>max. 60 V SELV</b>   |
| <i>Bemessungs-Ausgangsspannung</i><br><i>Rated output voltage</i>   | <b>see page 4</b>   |
| <i>Nennleistung</i><br><i>Rated power</i>   | <b>see page 4</b>   |
| <i>Schutzklasse</i><br><i>Class of protection</i>   | <b>CI.II (only for use with snap on strain reliefs)</b>               |
| <i>Max. Betriebstemperatur <math>t_c</math></i><br><i>Rated max. operating temperature <math>t_c</math></i> | <b>see page 4</b>   |
| <i>Umgebungstemperatur <math>t_a</math></i><br><i>Rated ambient temperature <math>t_a</math></i>            | <b>see page 4</b>   |
| <i>Maximale Gehäusetemperatur</i><br><i>Rated maximum case temperature</i>                                  | <b>see page 4</b>   |
| <i>Kurzschlußschutz</i><br><i>Short-circuit protection</i>  | <b>Inherently short circuit proof</b>                                 |
| <i>Klassifikation</i><br><i>Classification</i>  | <b>Electronic controlgears providing SELV, constant voltage type.</b> |

## OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.

| TRADEMARK / TYPECODE |                                  | Classification<br>B...Built-in<br>I...Independent | Rated output voltage | Rated output power | Rated max. operating<br>temperature (tc) <sup>1</sup> | Maximum ambient<br>temperature (ta) <sup>1</sup> | Maximum case<br>temperature | Circuit power factor<br>(230V, 50Hz, full load) | Case                     |
|----------------------|----------------------------------|---|----------------------|--------------------|---|--|-----------------------------|---|--------------------------|
| TRIDONIC             |                                  |   |                      |                    |   |  |                             |   | Metal (M)<br>Plastic (P) |
|                      |                                  |   | [V]                  | [W]                | [°C]  | [°C]   |                             | λ   |                          |
| 1                    | LC 200W 48V one4all NF SC EXC    | B <sup>2</sup>                                    | 48                   | 20-200             | 84/86/87/90   | 45/50/55/60                                      | 130                         | 0,74C-0,99                                      | P                        |
| 2                    | LC 200W 48V one4all NF SC EXC SP | B <sup>2</sup>                                    | 48                   | 20-200             | 84/86/87/90   | 45/50/55/60                                      | 130                         | 0,74C-0,99                                      | P                        |
| 3                    | LC 35W 48V one4all NF h16 EXC    | B   | 48                   | 3,5-35             | 78/79/80  | 65/70  | 110                         | 0,64C-0,98                                      | M                        |
| 4                    | LC 60W 48V one4all NF Ip EXC     | B   | 48                   | 6-60               | 80/82/83  | 65/70/75   | 110                         | 0,53C-0,98                                      | M                        |
| 5                    | LC 100W 48V one4all NF Ip EXC    | B   | 48                   | 10-100             | 72/74/77/80   | 55/60/65/70                                      | 110                         | 0,56C-0,98                                      | M                        |
| 6                    | LC 35W 48V one4all NF SC EXC     | B <sup>2</sup>                                    | 48                   | 3,5-35             | 73/74   | 50/55  | 110                         | 0,51C-0,97                                      | P                        |
| 7                    | LC 35W 48V one4all NF SC EXC SP  | B <sup>2</sup>                                    | 48                   | 3,5-35             | 73/74   | 50/55  | 110                         | 0,51C-0,97                                      | P                        |
| 8                    | LC 60W 48V one4all NF SC EXC     | B <sup>2</sup>                                    | 48                   | 6-60               | 80/81/82/84   | 50/55/60/65                                      | 110                         | 0,63C-0,98                                      | P                        |
| 9                    | LC 60W 48V one4all NF SC EXC SP  | B <sup>2</sup>                                    | 48                   | 6-60               | 80/81/82/84   | 50/55/60/65                                      | 110                         | 0,63C-0,98                                      | P                        |
| 10                   | LC 100W 48V one4all NF SC EXC    | B <sup>2</sup>                                    | 48                   | 10-100             | 69/74   | 50/55/60/65                                      | 110                         | 0,72C-0,98                                      | P                        |
| 11                   | LC 100W 48V one4all NF SC EXC SP | B <sup>2</sup>                                    | 48                   | 10-100             | 69/74   | 50/55/60/65                                      | 110                         | 0,72C-0,98                                      | P                        |

<sup>1</sup> Depending on output power, see marking on product or datasheet.

<sup>2</sup> With strain reliefs and terminal cover also useable as independent control gear.

### OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.