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ENEC Certification Body registered under ID # 11.

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# LICENCE

to use the European Mark



Licence No.: **7590-338**

Date of issue: Wien, 2023 03 24  
Rev. No.: 02 Wien, 2026 01 15

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 ... NF h16 PRE4**

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

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>.



<p><i>Hersteller</i> <i>Manufacturer</i></p>	<p><b>Tridonic GmbH &amp; Co KG</b> <b>Färbergasse 15</b> <b>6851 Dornbirn</b> <b>Austria</b></p>
<p><i>Fertigungsstätte(n)</i> <i>Factory location(s)</i></p>	<p><b>ID: 7590</b></p> <p><b>ID: 87468</b></p> <p><b>ID: 40926</b></p>
<p><i>Typenbezeichnung</i> <i>Type reference</i></p>	<p><b>LC ... bDW NF h16 PRE4,</b> <b>LC ... Mymesh NF h16 PRE4,</b> <b>see page 4</b></p>
<p>* <i>Prüfbericht</i> <i>Test Report</i></p> <p><i>Nationale Bestimmung(en)</i> <i>National Standard(s)</i></p> <p><i>Europannorm(en)</i> <i>European Standard(s)</i></p>	<p><b>TR 7590-0043-01 ECS,</b> <b>TR 7590-0043-01a ECS,</b> <b>TR 7590-0043-02 ECS,</b> <b>TR 7590-0043-02a ECS,</b> <b>TR 7590-0174-01 ECS,</b> <b>TR 7590-0174-02 ECS</b></p> <p><b>OVE EN 61347-1:2021-09-01</b> <b>OVE EN 61347-2-13:2017-11-01</b> <b>OVE EN IEC 62384:2021-04-01</b></p> <p><b>EN 61347-1:2015 + A1:2021</b> <b>EN 61347-2-13:2014 + A1:2017</b> <b>EN IEC 62384:2020</b></p>
<p>* <i>Ersatz für Zertifikat</i> <i>Superseded licence</i></p>	<p><b>7590-338 Rev. 01 dated 2025 03 04</b> <b>Items modified are marked with an asterisk (*)</b></p>
<p><i>Anmerkung(en)</i> <i>Remark(s)</i></p>	<p><b>Complies with the additional requirements for emergency lighting according Annex J of EN 61347-2-13:2014+A1:2017.</b></p>

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<i>Bemessungsversorgungsspannung</i> <i>Rated supply voltage</i>	<b>AC 220-240 V, 50/60 Hz; DC 220-240 V</b>
<i>Bemessungsausgangsstrom (I<sub>rated</sub>)</i> <i>Rated output current (I<sub>rated</sub>)</i>	<b>see page 4</b>
<i>Höchste Arbeitsspannung (U-OUT)</i> <i>Maximum working voltage (U-OUT)</i>	<b>see page 4</b>
<i>Nennleistung</i> <i>Rated power</i>	<b>see page 4</b>
<i>Max. Betriebstemperatur t<sub>c</sub></i> <i>Rated max. operating temperature t<sub>c</sub></i>	<b>see page 4</b>
<i>Umgebungstemperatur t<sub>a</sub></i> <i>Rated ambient temperature t<sub>a</sub></i>	<b>see page 4</b>
<i>Maximale Gehäusetemperatur</i> <i>Maximum case temperature</i>	<b>110°C</b>
<i>Kurzschlußschutz</i> <i>Short-circuit protection</i>	<b>Short circuit proof control gear.</b>
<i>Klassifikation</i> <i>Classification</i>	<b>Built-in electronic control gears, constant current type.</b>

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TRADEMARK / TYPECODE		Classification B...Built-in	Rated output current	Maximum output voltage (no-load)	Rated output power	Rated max. operating temperature (tc) <sup>1</sup>	Maximum ambient temperature (ta) <sup>1</sup>	Maximum case temperature	Circuit power factor (230V, 50Hz, full load)	Case
TRIDONIC										Metal (M) Plastic (P)
			[mA]	[V]	[W]	[°C]	[°C]	[°C]	λ	
1	LC 25/50-350/230 bDW NF h16 PRE4	B	50 - 350	250	25	81 - 85	70	110	0,48C - 0,99	M
2	LC 40/75-400/230 bDW NF h16 PRE4	B	75 - 400	250	40	78 - 80	65 - 70	110	0,43C - 0,99	M
3	LC 60/150-550/230 bDW NF h16 PRE4	B	150 - 550	250	60	76 - 83	50 - 70	110	0,59C - 0,99	M
4	LC 90/200-800/230 bDW NF h16 PRE4	B	200 - 800	250	90	78 - 84	60 - 65	110	0,56C - 0,99	M
5	LC 25/50-350/230 Mymesh NF h16 PRE4	B	50 - 350	250	25	81 - 85	70	110	0,48C - 0,99	M
6	LC 40/75-400/230 Mymesh NF h16 PRE4	B	75 - 400	250	40	78 - 80	65 - 70	110	0,43C - 0,99	M
7	LC 60/150-550/230 Mymesh NF h16 PRE4	B	150 - 550	250	60	76 - 83	50 - 70	110	0,59C - 0,99	M
8	LC 90/200-800/230 Mymesh NF h16 PRE4	B	200 - 800	250	90	78 - 84	60 - 65	110	0,56C - 0,99	M
*	9 LC 20/80-500/54 bDW NF h16 PRE4	B	80 - 500	60 (SELV)	1,2 - 20	72 - 75	55 - 60	110	0,39C - 0,98	M
*	10 LC 35/150-700/54 bDW NF h16 PRE4	B	150 - 700	60 (SELV)	2,3 - 35	74 - 76	55 - 60	110	0,36C - 0,98	M
*	11 LC 55/350-1050/54 bDW NF h16 PRE4	B	350 - 1050	60 (SELV)	5,3 - 55	85 - 86	55 - 65	110	0,55C - 0,98	M
*	12 LC 75/900-1900/54 bDW NF h16 PRE4	B	900-1900	60 (SELV)	13,5 - 75	90 - 91	55 - 60	110	0,75C - 0,99	M

<sup>1</sup> Depending on selected output current, see respective datasheet.

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