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ENEC Certification Body registered under ID # 11.

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# LICENCE

to use the European Mark



Licence No.: **7590-325**

Date of issue: Wien, 2022 08 18  
Rev. No.: 10 Wien, 2025 12 10

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. ... 24V 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>.



<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 ... 24V one4all .. PRE ..,</b> <b>LC ... 24V one4all NF SC EXC2 ..,</b> <b>LCA ... 24V one4all .. PRE ..,</b> <b>LC ... 24V one4all NF Ip EXC2,</b> <b>see pages 4 to 5</b></p>
<p><i>Prüfbericht</i> <i>Test Report</i></p>	<p><b>TR 87837-0019-01 ECS, TR 87837-0020-01 ECS,</b> <b>TR 7590-0036-01 ECS, TGM-VA EE 36771b ECS-2,</b> <b>TGM-VA EE 36771j ECS-2, TGM-VA EE 36771l ECS-2,</b> <b>TR 7590-0045-01 ECS, TR 7590-0046-01 ECS,</b> <b>TR 7590-0047-01 ECS, TGM-VA EE 38567 ECS-2,</b> <b>TGM-VA EE 38568 ECS-2, TGM-VA EE 38569 ECS-2,</b> <b>TR 7590-0067-02, TR 7590-0069-02,</b> <b>TGM-VA EE 38886 ECS-1, TGM-VA EE 38887 ECS-1,</b> <b>TGM-VA EE 36771k ECS-2, TGM-VA EE 36771m ECS-2,</b> <b>TR 7590-0161-01 ECS, TR 7590-0161-01a ECS,</b> <b>TR 7590-0161-02 ECS, TR 7590-0162-01 ECS,</b> <b>TR 7590-0162-01a ECS, TR 7590-0162-02 ECS,</b> <b>TR 7590-0166-01 ECS, TR 7590-0166-02 ECS,</b> <b>TR 7590-0163-01 ECS, TR 7590-0163-02 ECS</b></p>
<p><i>Nationale Bestimmung(en)</i> <i>National Standard(s)</i></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><i>Europannorm(en)</i> <i>European Standard(s)</i></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>7590-325 Rev. 09 dated 2025 10 27</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.</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>Bemessungs-Ausgangsspannung</i> <i>Rated output voltage</i>	<b>DC 24 V</b>
<i>Nennleistung</i> <i>Rated power</i>	<b>see pages 4 to 5</b>
<i>Schutzklasse</i> <i>Class of protection</i>	<b>CI.II (only for independent controlgears)</b>
<i>Max. Betriebstemperatur tc</i> <i>Rated max. operating temperature tc</i>	<b>see pages 4 to 5</b>
<i>Umgebungstemperatur ta</i> <i>Rated ambient temperature ta</i>	<b>see pages 4 to 5</b>
<i>Maximale Gehäusetemperatur</i> <i>Maximum case temperature</i>	<b>see pages 4 to 5</b>
<i>Kurzschlußschutz</i> <i>Short-circuit protection</i>	<b>Inherently short circuit proof controlgear.</b>
<i>Klassifikation</i> <i>Classification</i>	<b>Electronic controlgears providing SELV, constant voltage type.</b>

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TRADEMARK / TYPECODE		Classification: B... Built-in I... Independent	Rated output voltage	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)
			[V]	[W]	[°C]	[°C]	[°C]	λ	
1	LCA 35W 24V one4all SC PRE	B <sup>ii</sup>	24	3,5 – 35	75/80	50/60	110	0,51C-0,98	P
2	LCA 35W 24V one4all SC PRE SP	B <sup>2</sup>	24	3,5 – 35	75/80	50/60	110	0,51C-0,98	P
3	LCA 60W 24V one4all SC PRE	B <sup>2</sup>	24	6 – 60	75	50/55/60	110	0,54C-0,98	P
4	LCA 60W 24V one4all SC PRE SP	B <sup>2</sup>	24	6 – 60	75	50/55/60	110	0,54C-0,98	P
5	LCA 100W 24V one4all Ip PRE	B	24	10 – 100	75/80	60/65/70	110	0,57C-0,99	M
6	LC 18W 24V one4all SC PRE	B <sup>2</sup>	24	2,7 – 18	70/75	50/55/60	110	0,64C-0,95	P
7	LC 18W 24V one4all SC PRE SP	B <sup>2</sup>	24	2,7 – 18	70/75	50/55/60	110	0,64C-0,95	P
8	LC 18W 24V one4all Ip PRE	B	24	2,7 – 18	70/75	65/70	110	0,59C-0,95	M
9	LC 35W 24V one4all Ip PRE	B	24	3,5 – 35	75	60/65/70	110	0,58C-0,97	M
10	LC 60W 24V one4all Ip PRE	B	24	6 – 60	75/80	60/65/70	130	0,63C-0,98	M
11	LCA 100W 24V one4all SC PRE	B <sup>2</sup>	24	100	80	45/50	110	0,6C-0,99	P
12	LCA 100W 24V one4all SC PRE SP	B <sup>2</sup>	24	100	80	45/50	110	0,6C-0,99	P
13	LCA 150W 24V one4all SC PRE	B <sup>2</sup>	24	15-150	80/85/90	50/55/60	110	0,61C-0,99	P
14	LCA 150W 24V one4all SC PRE SP	B <sup>2</sup>	24	15-150	80/85/90	50/55/60	110	0,61C-0,99	P
15	LC 18W 24V one4all NF SC EXC2	B <sup>2</sup>	24	1,8-18	72/73/75	50/55/60	110	0,44C-0,97	P
16	LC 18W 24V one4all NF SC EXC2 SP	B <sup>2</sup>	24	1,8-18	72/73/75	50/55/60	110	0,44C-0,97	P
17	LC 35W 24V one4all NF SC EXC2	B <sup>2</sup>	24	3,5-35	75/76/78	50/55/60	110	0,40C-0,97	P

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TRIDONIC									Metal (M) Plastic (P)
			[V]	[W]	[°C]	[°C]	[°C]	λ	
18	LC 35W 24V one4all NF SC EXC2 SP	B <sup>2</sup>	24	3,5-35	75/76/78	50/55/60	110	0,40C-0,97	P
19	LC 60W 24V one4all NF SC EXC2	B <sup>2</sup>	24	6-60	75/78/79	45/55/60	110	0,56C-0,99	P
20	LC 60W 24V one4all NF SC EXC2 SP	B <sup>2</sup>	24	6-60	75/78/79	45/55/60	110	0,56C-0,99	P
21	LC 100W 24V one4all NF SC EXC2	B <sup>2</sup>	24	10-100	77/78/82/84	50/55/65/70	110	0,67C-0,99	P
22	LC 100W 24V one4all NF SC EXC2 SP	B <sup>2</sup>	24	10-100	77/78/82/84	50/55/65/70	110	0,67C-0,99	P
23	LC 200W 24V one4all NF SC EXC2	B <sup>2</sup>	24	20-200	85/86/88/89	45/55/60/70	110	0,67C-0,99	P
24	LC 200W 24V one4all NF SC EXC2 SP	B <sup>2</sup>	24	20-200	85/86/88/89	45/55/60/70	110	0,67C-0,99	P
25	LC 35W 24V one4all NF Ip EXC2	B	24	3,5-35	73/76	60/65	130	0,44C-0,97	M
26	LC 60W 24V one4all NF Ip EXC2	B	24	6-60	74/75/82	50/65	130	0,58C-0,99	M
27	LC 100W 24V one4all NF Ip EXC2	B	24	10-100	60/65/75	81/82/85	110	0,6C-0,99	M

<sup>i</sup> Depending on output power, see marking on product or datasheet (listed values valid for full load).

<sup>ii</sup> With strain reliefs and terminal cover also useable as independent controlgear.

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