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ENEC Certification Body registered under ID # 11.

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# LICENCE

to use the European Mark



Licence No.: **7590-268**

Date of issue: Wien, 2020 05 28  
Rev. No.: 08 Wien, 2025 10 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: **LCO ...**

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 Manufacturer</i>	<b>Tridonic GmbH &amp; Co KG Färbergasse 15 6851 Dornbirn Austria</b>
<i>Fertigungsstätte(n) Factory location(s)</i>	<b>ID: 7590  ID: 87468  ID: 40926</b>
<i>Typenbezeichnung Type reference</i>	<b>Series LCO ... pD+ NF C PRE3, Series LCO ... o4a NF C EXC3, Series LCO ... NF C ADV, see pages 4 to 5</b>
<i>* Prüfbericht Test Report</i>	<b>TGM-VA EE 37489c-e ECS-2, TGM-VA EE 37489I ECS-2, TGM-VA EE 37489m ECS-2, TGM-VA EE 37489n ECS-2, TGM-VA EE 38339 ECS-2, TGM-VA EE 38340 ECS-2, TGM-VA EE 38341 ECS-2, TR 87837-0042-01 ECS, TR 87837-0043-01 ECS, TR 87837-0044-01 ECS, TR 87837-0036-01 ECS, TR 87837-0036-01a ECS, TR 87837-0036-01b ECS, TR 87837-0037-01 ECS, TR 87837-0037-01a ECS, TR 87837-0037-01b ECS, TR 87837-0038-01 ECS, TR 87837-0038-01a ECS, TR 87837-0038-01b ECS, TGM-VA EE 38844 ECS-1/ECS-2, TGM-VA EE 38845 ECS-1/ECS-2, TR 7590-0087-02, TR 7590-0089-02, TR 7590-0091-02, TR 87837-0165-02 ECS, TR 87837-0166-01 ECS, TR 87837-0166-01a ECS</b>
<i>Nationale Bestimmung(en) National Standard(s)</i>	<b>OVE EN 61347-1:2021-09-01 OVE EN 61347-2-13:2017-11-01 OVE EN IEC 62384:2021-04-01</b>
<i>Europannorm(en) European Standard(s)</i>	<b>EN 61347-1:2015 + A1:2021 EN 61347-2-13:2014 + A1:2017 EN IEC 62384:2020</b>
<i>* Ersatz für Zertifikat Superseded licence</i>	<b>7590-268 Rev. 07 dated 2025 09 26 Items modified are marked with an asterisk (*)</b>
<i>Anmerkung(en) Remark(s)</i>	<b>Complies with the additional requirements for emergency lighting according Annex J of EN 61347-2-13:2014+A1:2017</b>

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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 pages 4 to 5</b>
<i>Höchste Arbeitsspannung (U-OUT)</i> <i>Maximum working voltage (U-OUT)</i>	<b>see pages 4 to 5</b>
<i>Nennleistung</i> <i>Rated power</i>	<b>see pages 4 to 5</b>
<i>Max. Betriebstemperatur t<sub>c</sub></i> <i>Rated max. operating temperature t<sub>c</sub></i>	<b>see pages 4 to 5</b>
<i>Umgebungstemperatur t<sub>a</sub></i> <i>Rated ambient temperature t<sub>a</sub></i>	<b>see pages 4 to 5</b>
<i>Maximale Gehäusetemperatur</i> <i>Maximum case temperature</i>	<b>130°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 controlgears for LED modules with double or reinforced insulation, constant current type.</b>

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TRADEMARK / TYPECODE		Rated output current	Maximum output voltage (no-load) <sup>1</sup>	Rated output power	Rated max. operating temperature (tc) <sup>2</sup>	Maximum ambient temperature (ta) <sup>2</sup>	Maximum case temperature	Circuit power factor <sup>3</sup> (230V, 50Hz, full load)	Case
TRIDONIC									Metall (M) Plastic (P)
		[mA]	[V]	[W]	[°C]	[°C]	[°C]	λ	
1	LCO 90/200-1050/165 pD+ NF C PRE3	200-1050	220 (HV) 130 (LV)	90	85	60/65/70	130	0,77C - 0,98	P
2	LCO 90/200-1050/165 o4a NF C EXC3	200-1050	220 (HV) 130 (LV)	90	95/100	65/70	130	0,73C - 0,98	P
3	LCO 90/200-1050/165 NF C ADV3	200-1050	220 (HV) 130 (LV)	90	95/100	65/70	130	0,73C - 0,98	P
4	LCO 135/200-1050/220 pD+ NF C PRE3	200-1050	280 (HV) 180 (LV)	135	85/90/95	55/60/65/70	130	0,73C - 0,98	P
5	LCO 135/200-1050/220 o4a NF C EXC3	200-1050	280 (HV) 180 (LV)	135	90/95/100	60/65/70	130	0,70C - 0,98	P
6	LCO 135/200-1050/220 NF C ADV3	200-1050	280 (HV) 180 (LV)	135	90/95/100	60/65/70	130	0,70C - 0,98	P
7	LCO 200/200-1050/355 pD+ NF C PRE3	200-1050	400 (HV) 280 (LV)	200	80/85/90	55/60/65/70	130	0,83C - 0,98	P
8	LCO 200/200-1050/355 o4a NF C EXC3	200-1050	400 (HV) 280 (LV)	200	95/100	60/65/70	130	0,79C - 0,98	P
9	LCO 200/200-1050/355 NF C ADV3	200-1050	400 (HV) 280 (LV)	200	95/100	60/65/70	130	0,79C - 0,98	P

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TRADEMARK / TYPECODE		Rated output current	Maximum output voltage (no-load) <sup>1</sup>	Rated output power	Rated max. operating temperature (tc) <sup>2</sup>	Maximum ambient temperature (ta) <sup>2</sup>	Maximum case temperature	Circuit power factor <sup>3</sup> (230V, 50Hz, full load)	Case
TRIDONIC									Metal (M) Plastic (P)
		[mA]	[V]	[W]	[°C]	[°C]	[°C]	λ	
10	LCO 165/200-1050/285 pD+ NF C PRE3	200-1050	370 (HV) 240 (LV)	165	90/95	55/60/65/70	130	0,84C - 0,98	P
11	LCO 165/200-1050/285 o4a NF C EXC3	200-1050	370 (HV) 240 (LV)	165	85/90/95/100	60/65/70	130	0,80C - 0,98	P
12	LCO 90/200-1050/176 o4a NF C EXC3	200-1050	220 (HV) 130 (LV)	90	95/100	65/70	130	0,73C - 0,98	P
13	LCO 90/200-1050/176 NF C ADV3	200-1050	220 (HV) 130 (LV)	90	95/100	65/70	130	0,73C - 0,98	P

<sup>1</sup> (HV) High voltage output, (LV) Low voltage output

<sup>2</sup> Depending on output current, see marking on product or datasheet.

<sup>3</sup> Values for 100% dimming level

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