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**OVE Testing and Certification**  
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ENEC Certification Body registered under ID # 11.

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# LICENCE

to use the European Mark



Licence No.: **7590-239**

Date of issue: Wien, 2018 08 07  
Rev. No.: 05 Wien, 2019 03 11

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

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

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

Trade Mark: **TRIDONIC**

Series/Type: **LCO ... o4a NF C EXC3 and LCO ... NF C ADV3**

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 Testing and Certification

Digitally signed by W. Martin  
Email=w.martin@ove.at

Dipl.-Ing. W. Martin



## OVE Testing and Certification

Accredited by the Federal Ministry for Digital and Economic Affairs as Certification Body for products within the scope as given in the official decree and published under [www.bmdw.gv.at/akkreditierung](http://www.bmdw.gv.at/akkreditierung).



<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: 40926</b>
<i>Typenbezeichnung Type reference</i>	<b>Series LCO ... o4a NF C EXC3, Series LCO ... NF C ADV3, see page 4 and 5</b>
* <i>Prüfbericht Test Report</i>	<b>OVE-180450, OVE-180809, OVE-190020, OVE-190063, TGM-VA EE 37489 ECS-2, TGM-VA EE 37489a-f ECS-2, TGM-VA EE 37489h ECS-2, TGM-VA EE 37489i ECS-2, TGM-VA EE 37489o ECS-1/ECS-2, TGM-VA EE 37489p ECS-1/ECS-2, TGM-VA EE 37489l ECS-1/ECS-2, TGM-VA EE 37489m ECS-1/ECS-2, TGM-VA EE 37489n ECS-1/ECS-2</b>
<i>Nationale Bestimmung(en) National Standard(s)</i>	<b>OVE EN 61347-1:2016-06-01 OVE EN 61347-2-13:2017-11-01 ÖVE/ÖNORM EN 62384:2010-05-01</b>
<i>Europannorm(en) European Standard(s)</i>	<b>EN 61347-1:2015 EN 61347-2-13:2014 + A1:2017 EN 62384:2006 + A1:2009</b>
* <i>Ersatz für Zertifikat Superseded licence</i>	<b>7590-239 Rev. 04 dated 2019 02 07 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>  <b>CTF Stage 2</b>

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<i>Nennspannung</i> <i>Rated voltage</i>	<b>AC 220-240 V, 50/60 Hz; DC 220-240 V</b>
<i>Nennstrom (sec.)</i> <i>Rated current (sec.)</i>	<b>see page 4 and 5</b>
<i>Höchste Ausgangsspannung</i> <i>Max. output voltage</i>	<b>see page 4 and 5</b>
<i>Nennleistung</i> <i>Rated power</i>	<b>see page 4 and 5</b>
<i>Max. Betriebstemperatur tc</i> <i>Rated max. operating temperature tc</i>	<b>see page 4 and 5</b>
<i>Umgebungstemperatur ta</i> <i>Rated ambient temperature ta</i>	<b>see page 4 and 5</b>
<i>Maximale Gehäusetemperatur</i> <i>Rated 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 [mA]	Maximum output voltage (no-load) [V]	Rated output power [W]	Rated max. operating temperature (tc) <sup>1</sup> [°C]	Maximum ambient temperature (ta) <sup>1</sup> [°C]	Maximum case temperature [°C]	Circuit power factor <sup>2</sup> (230V, 50Hz, full load)	Case Metall (M) Plastic (P)
1	LCO 14/100-500/38 o4a NF C EXC3	100-500	60 SELV	14	75/80/85/90	70	130	0,97	P
2	LCO 14/100-500/38 NF C ADV3	100-500	60 SELV	14	75/80/85/90	70	130	0,97	P
3	LCO 24/200-1050/39 o4a NF C EXC3	200-1050	60 SELV (HV) 30 SELV (LV) <sup>3</sup>	24	75/80/85	65/70	130	0,97	P
4	LCO 24/200-1050/39 NF C ADV3	200-1050	60 SELV (HV) 30 SELV (LV) <sup>3</sup>	24	75/80/85	65/70	130	0,97	P
5	LCO 40/200-1050/64 NF C ADV3	200-1050	50 (HV) 90 (LV) <sup>3</sup>	40	80/85/90	65/70	130	0,97	P
6	LCO 40/200-1050/64 o4a NF C EXC3	200-1050	50 (HV) 90 (LV) <sup>3</sup>	40	80/85/90	65/70	130	0,97	P
7	LCO 60/200-1050/100 o4a NF C EXC3	200-1050	130 (HV) 80 (LV) <sup>3</sup>	60	80/85/90/95	55/60/65/70	130	0,97	P
8	LCO 60/200-1050/100 NF C ADV3	200-1050	130 (HV) 80 (LV) <sup>3</sup>	60	80/85/90/95	55/60/65/70	130	0,97	P

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

<sup>2</sup> Values for 100% dimming level

<sup>3</sup> (HV) High voltage output, (LV) Low voltage output

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9	LCO 90/200-1050/165 o4a NF C EXC3	200-1050	220 (HV) 130 (LV) <sup>3</sup>	90	95/100	65/70	130	0,98	P
10	LCO 135/200-1050/220 o4a NF C EXC3	200-1050	280 (HV) 180 (LV) <sup>3</sup>	135	90/95/100	60/65/70	130	0,98	P
11	LCO 200/200-1050/355 o4a NF C EXC3	200-1050	400 (HV) 280 (LV) <sup>3</sup>	200	95/100	60/65/70	130	0,98	P
* 12	LCO 90/200-1050/165 NF C ADV3	200-1050	220 (HV) 130 (LV) <sup>3</sup>	90	95/100	65/70	130	0,98	P
* 13	LCO 135/200-1050/220 NF C ADV3	200-1050	280 (HV) 180 (LV) <sup>3</sup>	135	90/95/100	60/65/70	130	0,98	P
* 14	LCO 200/200-1050/355 NF C ADV3	200-1050	400 (HV) 280 (LV) <sup>3</sup>	200	95/100	60/65/70	130	0,98	P

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

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