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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

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**

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 & Certification

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



## OVE Testing & 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).



<p><i>Hersteller</i> <i>Manufacturer</i></p> <p><i>Fertigungsstätte(n)</i> <i>Factory location(s)</i></p>	<p><b>Tridonic GmbH &amp; Co KG</b> <b>Färbergasse 15</b> <b>6851 Dornbirn</b> <b>Austria</b></p> <p><b>TridonicAtco(Shenzhen) Co., Ltd.</b> <b>1-4 Floor, A-11, 1 Floor, A-10, Silicon Valley Power Ind.,</b> <b>Qing Hu Community, Long Hua District</b> <b>518109 Shenzhen, Guangdong Province</b> <b>China</b></p>
<p><i>Typenbezeichnung</i> <i>Type reference</i></p>	<p><b>Series LCO 14/100-500/38 o4a NF C EXC3,</b> <b>Series LCO 24/200-1050/39 o4a NF C EXC3</b> <b>Series LCO 40/200-1050/64 o4a NF C EXC3</b> <b>Series LCO 60/200-1050/100 o4a NF C EXC3</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>OVE-180450,</b> <b>TGM-VA EE 37489 ECS-2,</b> <b>TGM-VA EE 37489a ECS-2,</b> <b>TGM-VA EE 37489b ECS-2</b></p> <p><b>OVE EN 61347-1:2016-06-01</b> <b>OVE EN 61347-2-13:2017-11-01</b> <b>ÖVE/ÖNORM EN 62384:2010-05-01</b></p> <p><b>EN 61347-1:2015</b> <b>EN 61347-2-13:2014 + A1:2017</b> <b>EN 62384:2006 + A1:2009</b></p>
<p><i>Ersatz für Zertifikat</i> <i>Superseded licence</i></p>	<p>--</p>
<p><i>Anmerkung(en)</i> <i>Remark(s)</i></p>	<p><b>Complies with the additional requirements for</b> <b>emergency lighting according Annex J of</b> <b>EN 61347-2-13:2014+A1:2017</b></p> <p><b>WMT-procedure.</b></p>

<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</b>
<i>Höchste Ausgangsspannung</i> <i>Max. output voltage</i>	<b>see page 4</b>
<i>Nennleistung</i> <i>Rated power</i>	<b>see page 4</b>
<i>Max. Betriebstemperatur <math>t_c</math></i> <i>Rated max. operating temperature <math>t_c</math></i>	<b>see page 4</b>
<i>Umgebungstemperatur <math>t_a</math></i> <i>Rated ambient temperature <math>t_a</math></i>	<b>see page 4</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>

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 24/200-1050/39 o4a NF C EXC3	200-1050	60 SELV (HV)* 30 SELV (LV)	24	75/80/85	65/70	130	0,97		P
3 LCO 40/200-1050/64 o4a NF C EXC3	200-1050	50 (HV)* 90 (LV)	40	85/90/95	65/70	130	0,97		P
4 LCO 60/200-1050/100 o4a NF C EXC3	200-1050	130 (HV)* 80 (LV)	60	80/85/90/95	55/60/65/70	130	0,97		P

\* (HV) .....High Voltage  
(LV) .....Low Voltage

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

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