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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No.: **7590-260**

Date of issue: Wien, 2019 12 05
Rev. No.: 08 Wien, 2025 03 04

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

Digitally signed by T. Neumayer
Email=t.neumayer@ove.at

Dipl.-Ing. T. Neumayer



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<i>Hersteller Manufacturer</i>	Tridonic GmbH & Co KG Färbergasse 15 6851 Dornbirn Austria
<i>Fertigungsstätte(n) Factory location(s)</i>	ID: 7590 ID: 87468 ID: 40926
<i>* Typenbezeichnung Type reference</i>	Series LCO ... pD+ NF C PRE3, Series LCO ... o4a NF C EXC3, Series LCO ... NF C ADV3, see pages 4 to 5
<i>* Prüfbericht Test Report</i>	TGM-VA EE 37489 ECS-2, TGM-VA EE 37489a ECS-2, TGM-VA EE 37489h ECS-2, TGM-VA EE 37489i ECS-2, TGM-VA EE 37489o ECS-2, TGM-VA EE 37489p ECS-2, TGM-VA EE 37489q ECS-2, TGM-VA EE 37489r ECS-2, TGM-VA EE 37489s ECS-2, TR 7590-0086-02, TR 7590-0087-02, TR 7590-0088-02, TR 7590-0089-02, TR 7590-0090-02, TR 7590-0091-02, TR 87837-0010-01 ECS, TR 87837-0011-01 ECS, TR 87837-0012-01 ECS, TR 87837-0035-01 ECS, TR 87837-0039-01 ECS, TR 87837-0040-01 ECS, TR 87837-0041-01 ECS, TR 87837-0163-01 ECS, TR 87837-0163-02 ECS, TR 87837-0164-01 ECS, TR 87837-0164-02 ECS
<i>Nationale Bestimmung(en) National Standard(s)</i>	OVE EN 61347-1:2021-09-01 OVE EN 61347-2-13:2017-11-01 OVE EN IEC 62384:2021-04-01
<i>Europannorm(en) European Standard(s)</i>	EN 61347-1:2015 + A1:2021 EN 61347-2-13:2014 + A1:2017 EN IEC 62384:2020
<i>* Ersatz für Zertifikat Superseded licence</i>	7590-260 Rev. 07 dated 2024 01 24 Items modified are marked with an asterisk (*)
<i>Anmerkung(en) Remark(s)</i>	Complies with the additional requirements for emergency lighting according Annex J of EN 61347-2-13:2014+A1:2017

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<i>Nennspannung</i> <i>Rated voltage</i>	AC 220-240 V, 50/60 Hz; DC 220-240 V
* <i>Nennstrom (sec.)</i> <i>Rated current (sec.)</i>	see pages 4 to 5
* <i>Höchste Ausgangsspannung</i> <i>Max. output voltage</i>	see pages 4 to 5
* <i>Nennleistung</i> <i>Rated power</i>	see pages 4 to 5
* <i>Max. Betriebstemperatur tc</i> <i>Rated max. operating temperature tc</i>	see pages 4 to 5
* <i>Umgebungstemperatur ta</i> <i>Rated ambient temperature ta</i>	see pages 4 to 5
<i>Maximale Gehäusetemperatur</i> <i>Rated maximum case temperature</i>	130°C
<i>Kurzschlußschutz</i> <i>Short-circuit protection</i>	Short circuit proof control gear.
<i>Klassifikation</i> <i>Classification</i>	Built-in electronic controlgears for LED modules with double or reinforced insulation, constant current type.

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TRADEMARK / TYPECODE		Rated output current	Maximum output voltage (no-load)	Rated output power	Rated max. operating temperature (tc) ¹	Maximum ambient temperature (ta) ¹	Maximum case temperature	Circuit power factor (230V, 50Hz, full load) ²	Case
TRIDONIC									Metal (M) Plastic (P)
		[mA]	[V]	[W]	[°C]	[°C]	[°C]	λ	
1	LCO 14/100-550/38 pD+ NF C PRE3	100-550	60 SELV	14	80	70	130	0,61C - 0,97	P
2	LCO 24/200-1050/39 pD+ NF C PRE3	200-1050	60 SELV (HV) 30 SELV (LV) ³	24	85/90	70	130	0,65C - 0,97	P
3	LCO 24/200-1050/39 o4a NF C EXC3	200-1050	60 SELV (HV) 30 SELV (LV) ³	24	75/80/85	65/70	130	0,63C - 0,97	P
4	LCO 24/200-1050/39 NF C ADV3	200-1050	60 SELV (HV) 30 SELV (LV) ³	24	75/80/85	65/70	130	0,63C - 0,97	P
5	LCO 40/200-1050/64 pD+ NF C PRE3	200-1050	90 SELV (HV) 50 SELV (LV) ³	40	85/90	65/70	130	0,64C - 0,97	P
6	LCO 40/200-1050/64 o4a NF C EXC3	200-1050	90 SELV (HV) 50 SELV (LV) ³	40	80/85/90	65/70	130	0,63C - 0,97	P
7	LCO 40/200-1050/64 NF C ADV3	200-1050	90 SELV (HV) 50 SELV (LV) ³	40	80/85/90	65/70	130	0,63C - 0,97	P
8	LCO 60/200-1050/100 pD+ NF C PRE3	200-1050	130 (HV) 80 (LV) ³	60	85/90	55/60/65	130	0,73C - 0,97	P
9	LCO 14/100-500/38 o4a NF C EXC3	100-500	60 SELV	14	75/80/85/90	70	130	0,60C - 0,97	P
10	LCO 14/100-500/38 NF C ADV3	100-500	60 SELV	14	75/80/85/90	70	130	0,60C - 0,97	P
11	LCO 60/200-1050/100 o4a NF C EXC3	200-1050	130 (HV) 80 (LV) ³	60	80/85/90/95	55/60/65/70	130	0,68C - 0,97	P

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TRIDONIC									Metal (M) Plastic (P)
		[mA]	[V]	[W]	[°C]	[°C]	[°C]	λ	
12	LCO 60/200-1050/100 NF C ADV3	200-1050	130 (HV) 80 (LV) ³	60	80/85/90/95	55/60/65/70	130	0,68C - 0,97	P
*	13 LCO 40/200-1050/77 o4a NF C EXC3	200-1050	90 SELV (HV) 50 SELV (LV) ³	40	80/85/90	65/70	130	0,63C-0,97	P
*	14 LCO 40/200-1050/77 NF C ADV3	200-1050	90 SELV (HV) 50 SELV (LV) ³	40	80/85/90	65/70	130	0,63C-0,97	P
*	15 LCO 60/200-1050/107 o4a NF C EXC3	200-1050	130 (HV) 80 (LV) ³	60	85/90/95	55/60/65/70	130	0,68C-0,97	P
*	16 LCO 60/200-1050/107 NF C ADV3	200-1050	130 (HV) 80 (LV) ³	60	85/90/95	55/60/65/70	130	0,68C-0,97	P

¹ Depending on output power, see marking on product or datasheet.

² Values for 100% dimming level

³ (HV) High voltage output, (LV) Low voltage output

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