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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No. **7590-185**

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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**,  **ZUMTOBEL**

Series/Type: **LCA ... one4all .. PRE**

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 of Science, Research and Economy as Certification Body for products within the scope as given in the official decree and published under www.en.bmwf.gv.at/accreditation



<p><i>Hersteller</i> <i>Manufacturer</i></p>	<p>Tridonic GmbH & Co KG Färbergasse 15 6851 Dornbirn Austria</p>
<p>* <i>Fertigungsstätte(n)</i> <i>Factory location(s)</i></p>	<p>Tridonic GmbH & Co KG Färbergasse 15 6851 Dornbirn Austria</p>
	<p>Tridonic UK Ltd. Green Lane Industrial Estate, Spennymoor DL16 6JE Durham United Kingdom</p>
<p><i>Typenbezeichnung</i> <i>Type reference</i></p>	<p>LCA ... one4all .. PRE, see pages 4 and 5.</p>
<p><i>Prüfbericht</i> <i>Test Report</i></p>	<p>TGM-VA EE 36120h-I ECS-1/ECS-2, TGM-VA EE 36120n/o ECS-1/ECS-2, TGM-VA EE 36900b/c ECS, TGM-VA EE 36900f/h ECS, TGM-VA EE 36900i/j ECS</p>
<p><i>Nationale Bestimmung(en)</i> <i>National Standard(s)</i></p>	<p>ÖVE/ÖNORM EN 61347-1:2013-12-01 ÖVE/ÖNORM EN 61347-2-13:2015-06-01 ÖVE/ÖNORM EN 62384:2010-05-01</p>
<p><i>Europannorm(en)</i> <i>European Standard(s)</i></p>	<p>EN 61347-1:2008 + A1:2011 + A2:2013 EN 61347-2-13:2014 EN 62384:2006 + A1:2009</p>
<p>* <i>Ersatz für Zertifikat</i> <i>Superseded licence</i></p>	<p>7590-185 Rev. 04 dated 2017 06 06 Items modified are marked with an asterisk (*)</p>
<p><i>Anmerkung(en)</i> <i>Remark(s)</i></p>	<p>Particular additional safety requirements for electronic controlgears for emergency lighting fulfilled (Appendix J of EN 61347-2-13).</p> <p>WMT-procedure</p>

<i>Nennspannung</i> <i>Rated voltage</i>	220-240 V, 50/60 Hz DC 220-240 V
<i>Nennstrom (sec.)</i> <i>Rated current (sec.)</i>	see pages 4 and 5.
<i>Höchste Ausgangsspannung</i> <i>Max. output voltage</i>	max. 60 V SELV
<i>Nennleistung</i> <i>Rated power</i>	see pages 4 and 5.
<i>Schutzklasse</i> <i>Class of protection</i>	CI.II (only for independent controlgears)
<i>Max. Betriebstemperatur t_c</i> <i>Rated max. operating temperature t_c</i>	see pages 4 and 5.
<i>Umgebungstemperatur t_a</i> <i>Rated ambient temperature t_a</i>	see pages 4 and 5.
<i>Maximale Gehäusetemperatur</i> <i>Rated maximum case temperature</i>	see pages 4 and 5.
<i>Kurzschlußschutz</i> <i>Short-circuit protection</i>	Inherently short circuit proof
<i>Klassifikation</i> <i>Classification</i>	Electronic controlgears providing SELV, constant current type.

TRADEMARK / TYPECODE	Classification B...Built-in I...Independent	Rated output current [mA]	Maximum output voltage (no-load) [V]	Rated output power [W]	Rated max. operating temperature (tc) [°C]	Maximum ambient temperature (ta) [°C]	Maximum case temperature [°C]	Circuit power factor (230V, 50Hz, full load) λ	Case
									Metall (M) Plastic (P)
1 LCA 10W 150-400mA one4all SR PRE	I	150- 400	60	10	75	65	110	0,96	P
2 LCA 17W 250-700mA one4all SR PRE	I	250- 700	60	17	75/70 ¹	55/60 ¹	110	0,98	P
3 LCA 60W 900-1750mA one4all SR PRE	I	900-1750	60	60	75/70 ¹	50	110	0,98	P
4 LCA 100W 1100-2100mA one4all SR PRE	I	1100-2100	60	100	70/75/80 ¹	50	110	0,98	P

¹ Depending on selected output current, see label or datasheet.

TRADEMARK / TYPECODE	Classification B...Built-in I...Independent	Rated output current [mA]	Maximum output voltage (no-load) [V]	Rated output power [W]	Rated max. operating temperature (tc) [°C]	Maximum ambient temperature (ta) [°C]	Maximum case temperature [°C]	Circuit power factor (230V, 50Hz, full load) λ	Case	
									Metall (M)	Plastic (P)
1 LCA 10W 150-400mA one4all C PRE	B	150- 400	60	10	85/80 ²	65	110	0,96		P
2 LCA 17W 250-700mA one4all C PRE	B	250- 700	60	17	85/80/75 ²	60	110	0,98		P
3 LCA 60W 900-1750mA one4all C PRE	B	900-1750	60	60	85/80 ²	55	130	0,98		P
4 LCA 100W 1100-2100mA one4all C PRE	B	1100-2100	60	100	75/80/85 ²	55	130	0,98		P
5 LCA 10W 150-400mA one4all SC PRE	B ³	150- 400	60	10	80	65	110	0,96		P
6 LCA 17W 250-700mA one4all SC PRE	B ³	250- 700	60	17	80/75 ²	55/60 ²	110	0,96		P

² Depending on selected output current, see label or datasheet.

³ With strain reliefs and terminal cover also useable as independent controlgear.