

OVE Austrian Electrotechnical Association
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OVE Certification
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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No.: **22175-001**

Date of issue: Wien, 2025 04 29

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 UK Ltd.**
House of Light, Butchers Race,
Green Lane Industrial Estate, Spennymoor
DL16 6JE Durham
United Kingdom

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

Trade Mark: **TRIDONIC**

Series/Type: **LCB. ... BASIC PHASE-CUT ..., LCI ... stepDim LP,
EM powerLED ..., EMpLED ...**

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 UK Ltd. House of Light, Butchers Race, Green Lane Industrial Estate, Spennymoor DL16 6JE Durham United Kingdom
<i>Fertigungsstätte(n) Factory location(s)</i>	Tridonic UK Ltd. House of Light, Butchers Race, Green Lane Industrial Estate, Spennymoor DL16 6JE Durham United Kingdom
<i>Typenbezeichnung Type reference</i>	LCB. ... BASIC PHASE-CUT ..., LCI ... stepDim LP, EM powerLED ..., EMpLED ..., see pages 4 to 6.
<i>Prüfbericht Test Report</i>	OVE-250246
<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>	--
<i>Anmerkung(en) Remark(s)</i>	--

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<i>Nennspannung</i> <i>Rated voltage</i>	AC 220-240 V, 50/60 Hz (all types) DC 220-240 V (only for types with EL-marking)
<i>Nennstrom</i> <i>Rated current</i>	see pages 4 to 6.
<i>Nennstrom (sec.)</i> <i>Rated current (sec.)</i>	see pages 4 to 6.
<i>Höchste Ausgangsspannung</i> <i>Max. output voltage</i>	see pages 4 to 6.
<i>Bemessungs-Ausgangsspannung</i> <i>Rated output voltage</i>	12 V (only for types with constant voltage, LCBU ...)
<i>Nennleistung</i> <i>Rated power</i>	see pages 4 to 6.
<i>Schutzklasse</i> <i>Class of protection</i>	CI.II (only for independent control gears)
<i>Max. Betriebstemperatur tc</i> <i>Rated max. operating temperature tc</i>	see pages 4 to 6.
<i>Umgebungstemperatur ta</i> <i>Rated ambient temperature ta</i>	see pages 4 to 6.
<i>Maximale Gehäusetemperatur</i> <i>Rated maximum case temperature</i>	see pages 4 to 6.
<i>Klassifikation</i> <i>Classification</i>	SELV electronic controlgears for LED modules, constant current type or constant voltage type.

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Constant current types:

TRADEMARK / TYPECODE		Classification B...Built-in I...Independent	Operation modes (AC/DC or AC only)	Rated output current	Maximum output voltage (no-load)	Rated output power	Rated max. operating temperature (tc)	Maximum ambient temperature (ta)	Maximum case temperature	Circuit power factor (@ AC 230 V)	Case
TRIDONIC											Metal (M) Plastic (P)
				[mA]	[V]	[W]	[°C]	[°C]	[°C]	λ	
1	LCBI 15W 350mA BASIC PHASE-CUT LP	B ¹	AC	350	54 (SELV)	15	85	-25...50	-	0,92C-0,99	P
2	LCBI 15W 500mA BASIC PHASE-CUT LP	B ¹	AC	500	40 (SELV)	15	85	-25...50	-	0,92C-0,99	P
3	LCBI 15W 700mA BASIC PHASE-CUT LP	B ¹	AC	700	28 (SELV)	15	85	-25...50	-	0,92C-0,99	P
4	LCI 15W 500mA stepDim LP	B ¹	AC/DC ²	500	40 (SELV)	15	85	-25...55	-	0,97-0,99	P
5	LCI 15W 700mA stepDim LP	B ¹	AC/DC ²	700	28 (SELV)	15	85	-25...55	-	0,97-0,99	P
6	LCBI 25W 700mA BASIC PHASE-CUT SR	I	AC	700	40 (SELV)	25	75	-25...50	120	0,97-0,99	P
7	EM powerLED NDA 100 DIM 5W ZUM	B	AC/DC ²	20-700	60 (SELV)	5	80	-40...55	130	0,85 ³	P
8	EM powerLED NPS 100 5W ZUM	B	AC/DC ²	20-700	60 (SELV)	5	80	-40...55	130	0,85 ³	P
9	EM powerLED NSI 100 DIM 5W ZUM	B	AC/DC ²	30-700	60 (SELV)	5	80	-40...55	130	0,83 ³	P

¹ Built-in electronic controlgear with double or reinforced insulation (complies with Annex O of EN 61347-2-13)

² With EL-marking (complies with Annex J of EN 61347-2-13)

³ Depending on final configuration

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TRADEMARK / TYPECODE		Classification B...Built-in I...Independent	Operation modes (AC/DC or AC only)	Rated output current	Maximum output voltage (no-load)	Rated output power	Rated max. operating temperature (tc)	Maximum ambient temperature (ta)	Maximum case temperature	Circuit power factor (@ AC 230 V)	Case
TRIDONIC											Metal (M) Plastic (P)
				[mA]	[V]	[W]	[°C]	[°C]	[°C]	λ	
10	EMpLED CPS CLE C 14W	B ⁴	AC/DC ⁵	350	48 (SELV)	14	82	-25...55	-	0,68C-0,75C	P
11	EMpLED BASIC 27-33V 470mA CPS	B ⁴	AC/DC ⁵	470	48 (SELV)	15,5	80	-25...55	-	0,53C-0,65C	P
12	EMpowerLED 12W CLE CPS	B ⁴	AC/DC ⁵	350	48 (SELV)	11,55	75	-25...55	-	0,5C-0,8C	P
13	EMpowerLED 15W CLE CPS	B ⁴	AC/DC ⁵	470	48 (SELV)	15,5	75	-25...55	-	0,5C-0,8C	P

⁴ Built-in electronic controlgear with double or reinforced insulation (complies with Annex O of EN 61347-2-13)

⁵ With EL-marking (complies with Annex J of EN 61347-2-13)

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Constant voltage types:

TRADEMARK / TYPECODE		Classification B...Built-in I...Independent	Operation modes (AC/DC or AC only)	Rated output voltage	Maximum output voltage (no-load)	Rated output power	Rated max. operating temperature (tc)	Maximum ambient temperature (ta)	Maximum case temperature	Circuit power factor (@ 230V)	Case
TRIDONIC											Metal (M) Plastic (P)
				[V]	[V]	[W]	[°C]	[°C]	[°C]	λ	
14	LCBU 10W 12V BASIC PHASE-CUT SR	I	AC	12 (SELV)	25	10	75	-25...50	120	0,60C-0,90C	P
15	LCBU 25W 12V BASIC PHASE-CUT SR	I	AC	12 (SELV)	25	25	75	-25...50	120	0,75C-0,97	P

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