

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

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LICENCE

to use the European Mark



Licence No.: **22175-006**

Date of issue: Wien, 2025 06 24

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 controlgear for emergency lighting (self-contained)**

Trade Mark: **TRIDONIC**

Series/Type: **EMpowerLED ... C NiCd 45W 50V,
EM powerLED NTx 102 DIM 5W ZUM,
EMpLED BASIC ... LiFePO₄ ...**

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>	1) EMpowerLED ST FX ... C NiCd 45W 50V EMpowerLED PRO DIM ... C NiCd 45W 50V 2) EM powerLED NTx 102 DIM 5W ZUM 3) EMpLED BASIC CLE 232 C LiFePO₄ 14W 4) EMpLED BASIC LiFePO₄ 27-33V 470mA CLE see typelist.
<i>Prüfbericht Test Report</i>	TR 22175-0001-01 ECS, TR 22175-0001-02 ECS, TR 22175-0015-01 ECS, TR 22175-0015-02 ECS, TR 22175-0016-01 ECS, TR 22175-0016-02 ECS, OVE-250250.
<i>Nationale Bestimmung(en) National Standard(s)</i>	OVE EN 61347-1:2021-09-01 OVE EN 61347-2-7:2023-04-01 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 61347-2-7:2012 + A1:2019 + A2:2022 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>Bemessungsversorgungsspannung</i> <i>Rated supply voltage</i>	220-240 V, 50/60 Hz
<i>Bemessungsleistung (LED)</i> <i>Rated power (LED)</i>	1) 45 W 2) 5 W 3) 14 W 4) 15,5 W
<i>Bemessungsausgangsstrom (I_{rated})</i> <i>Rated output current (I_{rated})</i>	1) 300-1400 mA 2) 3-700 mA 3) 350 mA 4) 470 mA
<i>Bemessungs-Ausgangsspannung</i> <i>Rated output voltage</i>	see typelist
<i>Höchste Arbeitsspannung (U-OUT)</i> <i>Maximum working voltage (U-OUT)</i>	1) + 2) 60 V, 3) + 4) 48 V.
<i>Bemessungsleistung (Notbetrieb)</i> <i>Rated output power (emergency operation)</i>	1) 2,75 or 3,50 W 2) 5 W
<i>Bemessungsstrom (Notbetrieb)</i> <i>Rated output current (emergency operation)</i>	3) 350 mA 4) 400 mA
<i>Max. Betriebstemperatur t_c</i> <i>Rated max. operating temperature t_c</i>	1) 75°C 2) 80°C 3) 85°C 4) 80°C
<i>Maximale Gehäusetemperatur</i> <i>Maximum case temperature</i>	1) + 2) 130°C
<i>Umgebungstemperatur t_a</i> <i>Rated ambient temperature t_a</i>	1) -5...+45°C (> 40 W), -5...+50°C (≤ 40 W) 2) -30...+55°C 3) 0...+55°C 4) 0...+55°C
<i>Klassifikation</i> <i>Classification</i>	Built-in electronic controlgears providing SELV, for emergency lighting operation. 3) + 4) with double or reinforced insulation
<i>Zusatzinformation</i> <i>Additional information</i>	3) + 4) complies with Annex O of EN 61347-1.

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TRADEMARK / TYPECODE		Classification: B...Built in I...Independent	Rated output power	Rated output current (maintained operation)	Max. working voltage U-OUT	Rated output power (emergency operation)	Output voltage (min-max)	Rated max. operating temperature (tc)	Maximum case temperature	Rated ambient temperature (ta)	Circuit power factor (maintained, charging)	Duration	Type of battery
Type Ref.													
1	EMpowerLED ST FX 103 C NiCd 45W 50V	B	45	300-1400	60	2,75	20-50	75	130	-5...+45 (-5...+50 ≤ 40 W)	0,64C-0,96	1, 2, 3	NiCd
2	EMpowerLED ST FX 104 C NiCd 45W 50V	B	45	300-1400	60	3,50	20-50	75	130		0,64C-0,96	1, 2, 3	NiCd
3	EMpowerLED PRO DIM 103 C NiCd 45W 50V	B	45	300-1400	60	2,75	20-50	75	130		0,64C-0,96	1, 2, 3	NiCd
4	EMpowerLED PRO DIM 104 C NiCd 45W 50V	B	45	300-1400	60	3,50	20-50	75	130		0,64C-0,96	1, 2, 3	NiCd
5	EM powerLED NTx 102 DIM 5W ZUM ¹	B	5	3-700	60	5	2,4-30	80	130	-30...+55	declared depending on configuration		NiMH, LiFePO ₄

¹ Product is identified on the label by Tridonic UK Art. No.: 89800524

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TRADEMARK / TYPECODE		Classification: B...Built in I....Independent	Rated output power	Rated output current (maintained operation)	Max. working voltage U-OUT	Output voltage range maintained (min-max)	Rated output current (emergency operation)	Output voltage range emergency (min-max)	Rated max. operating temperature (tc)	Rated ambient temperature (ta)	Circuit power factor (maintained, charging)	Duration	Type of battery
Type Ref.													
6	EMpLED BASIC CLE 232 C LiFePO ₄ 14W	B	14	350	48	31-40	350	2,4-3,4	85	0...+55	0,68C-0,75C	3	LiFePO ₄
7	EMpLED BASIC LiFePO ₄ 27-33V 470mA CLE	B	15,5	470	48	27-33	400	2,4-3,4	80	0...+55	0,48C-0,57C	3	LiFePO ₄

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