

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.: **22175-005**

Date of issue: Wien, 2025 06 06

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: **EM powerLED BASIC FX ...,
EM pLED ...,
EMpowerLED ...**

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) EM powerLED BASIC FX ... EM pLED ONC ... 2) EM pLED ST ... EM pLED PRO ... 3) EMpowerLED .. BASIC ... EMpowerLED .. ST ... EMpowerLED .. PRO ... 4) EMpowerLED ... NM ... see typelist.
<i>Prüfbericht Test Report</i>	TR 22175-0010-01 ECS, TR 22175-0010-02 ECS, TR 22175-0011-01 ECS, TR 22175-0011-02 ECS, TR 22175-0012-01 ECS, TR 22175-0012-02 ECS.
<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>	see typelist
<i>Bemessungsausgangsstrom (Irated)</i> <i>Rated output current (Irated)</i>	see typelist
<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) 15 V, 2) 15 V, 3) 15 V, 4) 6 V.
<i>Ausgangsfaktor im Notbetrieb (EOFx)</i> <i>Emergency output factor (EOFx)</i>	see typelist
<i>Bemessungsstrom (Notbetrieb)</i> <i>Rated output current (emergency operation)</i>	see typelist
<i>Max. Betriebstemperatur tc</i> <i>Rated max. operating temperature tc</i>	1) 75°C 2) 75°C or 80°C 3) 70°C 4) 70°C
<i>Maximale Gehäusetemperatur</i> <i>Maximum case temperature</i>	1) + 2) 110°C
<i>Umgebungstemperatur ta</i> <i>Rated ambient temperature ta</i>	1) -25...+55°C 2) -25...+55°C 3) -25...+50°C (EMpowerLED 1W and 2W) -25...+55°C (EMpowerLED 3W and 4W) 4) 0...+60°C
<i>Schutzklasse</i> <i>Class of protection</i>	Cl.II if used as independent controlgear with optional strain relief cover.
<i>Klassifikation</i> <i>Classification</i>	Built-in electronic controlgears with double or reinforced insulation, for emergency lighting operation.
<i>Zusatzinformation</i> <i>Additional information</i>	Complies with Annex O of EN 61347-1. PRO/ST: with automatic test function BASIC: without automatic test function

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TRADEMARK / TYPECODE		Classification: B...Built in I...Independent	Rated output power [W]	Rated output current (maintained operation) [mA]	Max. working voltage U-OUT [V]	No. Of LEDs	Emergency output factor EOF ¹	Rated output current (emergency operation) [mA]	Output voltage (min-max) [V]	Rated max. operating temperature (tc) [°C]	Maximum case temperature [°C]	Rated ambient temperature (ta) [°C]	Circuit power factor λ	Duration [h]	Type of battery
Type Ref.	fixing														
1	EMpowerLED BASIC FX 201 LiFePO ₄ 1W CLIP EMpowerLED BASIC FX 201 LiFePO ₄ 1W SCREW	B ¹	1,0	350	15	1	1	350	2,4-3,4	75	110	-25...+55	0,35C-0,55C	1, 3	LiFePO ₄
2	EMpowerLED BASIC FX 202 LiFePO ₄ 2W CLIP EMpowerLED BASIC FX 202 LiFePO ₄ 2W SCREW	B ¹	2,0	350	15	1 2	1,7 1	600 350	2,4-3,4 4,8-6,8	75	110	-25...+55	0,35C-0,58C	1, 3	LiFePO ₄
3	EM pLED ONC 231 LiFePO ₄ CLIP EM pLED ONC 231 LiFePO ₄ SCREW	B ¹	1,5	420 220	15	1 2	1 1	420 220	2,4-3,4 4,8-6,8	75	110	-25...+55	0,55C	3	LiFePO ₄
4	EM pLED ONC 233 LiFePO ₄ CLIP EM pLED ONC 233 LiFePO ₄ SCREW	B ¹	1,5	420 220	15	1 2	2,14 2,05	900 450	2,4-3,4 4,8-6,8	75	110	-25...+55	0,55C	3	LiFePO ₄
5	EM pLED ST FX 201 LiFePO ₄ 1W CLIP EM pLED ST FX 201 LiFePO ₄ 1W SCREW	B ¹	1	350	15	1	0,97	350	2,6-3,4	75	110	-25...+55	0,4C-0,55C	1, 2, 3	LiFePO ₄
6	EM pLED ST FX 202 LiFePO ₄ 2W CLIP EM pLED ST FX 202 LiFePO ₄ 2W SCREW	B ¹	2	350	15	1 2	1,7 0,97	600 350	2,6-3,4 5,2-6,8	75	110	-25...+55	0,4C-0,58C	1, 2, 3	LiFePO ₄
7	EM pLED ST NM 204 LiFePO ₄ 4W CLIP EM pLED ST NM 204 LiFePO ₄ 4W SCREW	B ¹	-	-	15	1 2	- -	1000 700	2,6-3,4 5,2-6,8	75	110	-25...+55	0,4C-0,53C	1, 2, 3	LiFePO ₄

¹ With strain relief cover also useable as independent controlgear.

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Type Ref.	fixing															
8	EM pLED PRO FX 201 LiFePO ₄ 1W CLIP EM pLED PRO FX 201 LiFePO ₄ 1W SCREW		B ²	1	350	15	1	0,97	350	2,6-3,4	75	110	-25...+55	0,4C-0,55C	1,2 ,3	LiFePO ₄
9	EM pLED PRO FX 202 LiFePO ₄ 2W CLIP EM pLED PRO FX 202 LiFePO ₄ 2W SCREW		B ²	2	350	15	1 2	1,7 0,97	600 350	2,6-3,4 5,2-6,8	75	110		0,4C-0,58C	1, 2, 3	LiFePO ₄
10	EM pLED PRO NM 204 LiFePO ₄ 4W CLIP EM pLED PRO NM 204 LiFePO ₄ 4W SCREW		B ²	-	-	15	1 2	- -	1000 700	2,6-3,4 5,2-6,8	75	110		0,4C-0,53C	1, 2, 3	LiFePO ₄
11	EM pLED PRO FX NF 201 LiFePO ₄ 1W SCREW		B ²	1	350	15	1	0,97	350	2,6-3,4	75	110		0,4C-0,55C	1, 2, 3	LiFePO ₄
12	EM pLED PRO FX NF 202 LiFePO ₄ 2W SCREW		B ²	2	350	15	1 2	1,7 0,97	600 350	2,6-3,4 5,2-6,8	80	110		0,4C-0,58C	1, 2, 3	LiFePO ₄
13	EM pLED PRO NM NF 204 LiFePO ₄ 4W SCREW		B ²	-	-	15	1 2	- -	1000 700	2,6-3,4 5,2-6,8	75	110		0,4C-0,53C	1, 2 3	LiFePO ₄
14	EMpowerLED 1W BASIC	screw fix clip fix	B ²	1	350	15	1	1	350	2,8-3,4	70	-		-25...+50	0,34C-0,52C	1, 2, 3
15	EMpowerLED 2W BASIC	screw fix clip fix	B ²	2	350	15	1 2	1,7 1	600 350	2,8-3,4 5,6-6,8	70	-	-25...+50	0,34C-0,55C	1, 2 ,3	NiMh

² With strain relief cover also useable as independent controlgear.

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Type Ref.	fixing	TRIDONIC														
16	EMpowerLED 4W BASIC	screw fix clip fix	B ³	4	-	15	1	-	1000	2,8-3,4	70	-	-25...+55	0,34C-0,50C	1, 2, 3	NiMh, NiCd
							2	-	700	5,6-6,8						
17	EMpowerLED 4W BASIC NiMH	screw fix	B ³	4	-	15	1	-	1000	2,8-3,4	70	-	-25...+55	0,34C-0,50C	1, 2, 3	NiMh
							2	-	700	5,6-6,8						
18	EMpowerLED 1W ST	screw fix clip fix	B ³	1	350	15	1	1	350	2,8-3,4	70	-	-25...+50	0,34C-0,52C	1, 2, 3	NiMh
19	EMpowerLED 2W ST	screw fix clip fix	B ³	2	350	15	1	1,7	600	2,8-3,4	70	-	-25...+50	0,34C-0,55C	1, 2, 3	NiMh
							2	1	350	5,6-6,8						
20	EMpowerLED 4W ST	screw fix	B ³	4	-	15	1	-	1000	2,8-3,4	70	-	-25...+55	0,34C-0,50C	1, 2, 3	NiMh, NiCd
							2	-	700	5,6-6,8						
21	EMpowerLED 4W ST NiMH	screw fix	B ³	4	-	15	1	-	1000	2,8-3,4	70	-	-25...+55	0,34C-0,50C	1, 2, 3	NiMh
							2	-	700	5,6-6,8						
22	EMpowerLED 1W PRO EZ-3	screw fix clip fix	B ³	1	350	15	1	1	350	2,8-3,4	70	-	-25...+50	0,34C-0,52C	1, 2, 3	NiMh
23	EMpowerLED 2W PRO EZ-3	screw fix clip fix	B ³	2	350	15	1	1,7	600	2,8-3,4	70	-	-25...+50	0,34C-0,55C	1, 2, 3	NiMh
							2	1	350	5,6-6,8						

³ With strain relief cover also useable as independent controlgear.

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Type Ref.	fixing															
24	EMpowerLED 4W PRO EZ-3	screw fix	B ⁴	4	-	15	1	-	1000	2,8-3,4	70	-	-25...+55	0,34C-0,50C	1, 2, 3	NiMh, NiCd
							2	-	700	5,6-6,8						
25	EMpowerLED 4W PRO EZ-3 NiMH	screw fix	B ⁴	4	-	15	1	-	1000	2,8-3,4	70	-	-25...+55	0,34C-0,50C	1, 2, 3	NiMh
							2	-	700	5,6-6,8						
26	EMpowerLED 3W PRO TX	screw fix	B ⁴	3	-	15	1	-	800	2,8-3,4	70	-	-25...+55	0,35C-0,50C	3	NiMh
27	EMpowerLED NM 1W 3H BASIC	screw fix clip fix	B ⁴	1	-	6	1	-	320	2,8-3,4	70	-	0...+60	0,40C	3	NiMh, NiCd
28	EMpowerLED BASIC NM 2W NiCd	screw fix	B ⁴	2	-	6	1	-	550	2,8-3,4	70	-	0...+60	0,49C	3	NiCd

⁴ With strain relief cover also useable as independent controlgear.

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