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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No.: **7590-222**

Date of issue: Wien, 2017 09 18
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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: **LED modules for general lighting**

Trade Mark: **TRIDONIC**

Series/Type: **LLE G2 ... 927-965 LV PRE, QLE G2 ... 927-965 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 OVE Certification

T. Neumayer

Digitally signed by T. Neumayer
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Dipl.-Ing. T. Neumayer



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<i>Hersteller Manufacturer</i>	Tridonic Jennersdorf GmbH Technologiepark 10 8380 Jennersdorf Austria
<i>Fertigungsstätte(n) Factory location(s)</i>	ID: 7590 ID: 87468
<i>Typenbezeichnung Type reference</i>	LLE G2 ... 927-965 LV PRE, QLE G2 ... 927-965 PRE, see page 4.
* <i>Prüfbericht Test Report</i>	TGM-VA EE 37143 ECS, TGM-VA EE 37143a ECS, TR 66301-0041-01 ECS
* <i>Nationale Bestimmung(en) National Standard(s)</i>	OVE EN IEC 62031:2020-09-01 OVE EN IEC 62031/A11:2022-08-01
* <i>Europannorm(en) European Standard(s)</i>	EN IEC 62031:2020 EN IEC 62031:2020/A11:2021
* <i>Ersatz für Zertifikat Superseded licence</i>	7590-222 Rev. 03 dated 2021 08 19 Items modified are marked with an asterisk (*)
* <i>Anmerkung(en) Remark(s)</i>	--

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<i>Nennstrom</i> <i>Rated current</i>	see page 4.
<i>Nennleistung</i> <i>Rated power</i>	see page 4.
<i>Zulässige Arbeitsspannung</i> <i>Working voltage for insulation</i>	DC 60 V (SELV)
<i>Max. Betriebstemperatur tc</i> <i>Rated max. operating temperature tc</i>	see page 4.
<i>Umgebungstemperatur ta</i> <i>Rated ambient temperature ta</i>	-25 to +55°C
<i>Anschlussart</i> <i>Method of connection</i>	Screwless terminals
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	Built-in LED modules for general lighting, constant current type.
<i>Zusatzinformation</i> <i>Additional information</i>	Classified within limits of RG0 (exempt group) according to EN 62471:2008.

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TRADEMARK / TYPECODE		Supply current ¹ (rated / max.)	Forward voltage (U _F) ²	Power ²	Working voltage for insulation	Rated performance temperature (t _{p rated})	Rated max. operation temperature (t _c)	No. of LEDs ¹	Classification according to EN 62471:2008
Pos.	Type Reference								
	TRIDONIC								
1	LLE G2 15x567mm 1300lm 927-965 LV PRE	2x 200 / 600	33,1 / 37,4	6,6 / 22,4	60 (SELV)	65	90	2x 48	RG0
2	LLE G2 24x280mm 700lm 927-965 LV PRE	2x 125 / 165	42,4 / 44,3	5,3 / 7,3	60 (SELV)	65	85	2x 14	RG0
3	LLE G2 24x280mm 1500lm 927-965 LV PRE	2x 275 / 330	43,0 / 44,3	11,8 / 14,6	60 (SELV)	65	85	2x 28	RG0
4	QLE G2 270x270mm 1250lm 927-965 PRE	2x 225 / 825	36,0 / 41,7	8,1 / 34,4	60 (SELV)	45	85	2x 65	RG0

LED modules are part of a system solution “Tunable White”, which is a set including LED modules and the suitable LED control gear (“LED-Driver”).

Suitable LED-Drivers:

TRIDONIC type LCA 50W 350-1050mA DT8 lp PRE

TRIDONIC type LCA 85W 600-1800mA DT8 lp PRE

TRIDONIC type LCA 100W 350–1050mA 2xDT8 lp PRE

¹ For each circuit (WW and CW)

² Typical values at t_{p rated} with rated / max. supply current

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Complete systems ("light engines") for information only:

LLE G2 15x567mm 4x1200lm 927-965 INF PRE	LED-Driver (100W) + 4x LED module (Pos.1)
LLE G2 15x567mm 4x1600lm 927-965 INF PRE	LED-Driver (100W) + 4x LED module (Pos.1)
LLE G2 15x567mm 4x1200lm 927-965 EVO PRE	LED-Driver (100W) + 4x LED module (Pos.1)
LLE G2 15x567mm 4x1600lm 927-965 EVO PRE	LED-Driver (100W) + 4x LED module (Pos.1)
LLE G2 15x567mm 4x2050lm 927-965 VAE PRE	LED-Driver (100W) + 4x LED module (Pos.1)
LLE G2 15x567mm 8x600lm 927-965 INF PRE	LED-Driver (100W) + 8x LED module (Pos.1)
LLE G2 15x567mm 8x800lm 927-965 INF PRE	LED-Driver (100W) + 8x LED module (Pos.1)
LLE G2 15x567mm 8x600lm 927-965 EVO PRE	LED-Driver (100W) + 8x LED module (Pos.1)
LLE G2 15x567mm 8x800lm 927-965 EVO PRE	LED-Driver (100W) + 8x LED module (Pos.1)
LLE G2 24x280mm 3x700lm 927-965 LV PRE	LED-Driver (50W) + 3x LED module (Pos.2)
LLE G2 24x280mm 4xPos.2 927-965 LV PRE	LED-Driver (50W) + 4x LED module (Pos.2)
LLE G2 24x280mm 5xPos.2 927-965 LV PRE	LED-Driver (50W) + 5x LED module (Pos.2)
LLE G2 24x280mm 6xPos.2 927-965 LV PRE	LED-Driver (50W) + 6x LED module (Pos.2)
LLE G2 24x280mm 2xPos.3 927-965 LV PRE	LED-Driver (50W) + 2x LED module (Pos.3)
LLE G2 24x280mm 3xPos.3 927-965 LV PRE	LED-Driver (50W) + 3x LED module (Pos.3)
LLE G2 24x280mm 4xPos.3 927-965 LV PRE	LED-Driver (85W) + 4x LED module (Pos.3)
LLE G2 24x280mm 5xPos.3 927-965 LV PRE	LED-Driver (85W) + 5x LED module (Pos.3)
LLE G2 24x280mm 4xPos.3 927-965 LV PRE	LED-Driver (100W) + 4x LED module (Pos.3)
LLE G2 24x280mm 5xPos.3 927-965 LV PRE	LED-Driver (100W) + 5x LED module (Pos.3)
LLE G2 24x280mm 6xPos.3 927-965 LV PRE	LED-Driver (100W) + 6x LED module (Pos.3)
QLE G2 270x270mm 2xPos.4 927-965 LV PRE	LED-Driver (50W) + 2x LED module (Pos.4)
QLE G2 270x270mm 3xPos.4 927-965 LV PRE	LED-Driver (50W) + 3x LED module (Pos.4)
QLE G2 270x270mm 4xPos.4 927-965 LV PRE	LED-Driver (50W) + 4x LED module (Pos.4)
QLE G2 270x270mm 5xPos.4 927-965 LV PRE	LED-Driver (85W) + 5x LED module (Pos.4)
QLE G2 270x270mm 6xPos.4 927-965 LV PRE	LED-Driver (85W) + 6x LED module (Pos.4)
QLE G2 270x270mm 5xPos.4 927-965 LV PRE	LED-Driver (100W) + 5x LED module (Pos.4)
QLE G2 270x270mm 6xPos.4 927-965 LV PRE	LED-Driver (100W) + 6x LED module (Pos.4)

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