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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No.: **7590-237**

Date of issue: Wien, 2018 07 20
Rev. No.: 04 Wien, 2023 01 30

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: **TW DLE G2 ... 927-965**

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
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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>	TW DLE G2 60mm 3000lm 927-965, TW DLE G2 43x51mm 2200lm 927-965, TW DLE G2 43x51mm 3000lm 927-965 see page 4
* <i>Prüfbericht Test Report</i>	TGM-VA EE 37420 ECS, TGM-VA EE 37420a ECS, TR 66301-0034-01 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Ersatz für Zertifikat Superseded licence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>	7590-237 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>	95°C
<i>Anschlussart</i> <i>Method of connection</i>	Screwless terminals
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	For types TW DLE G2 43x51mm ... 927-965: Integral LED modules for general lighting, constant current type. For type TW DLE G2 60mm 3000lm 927-965: Built-in LED modules for general lighting, constant current type.
<i>Zusatzinformation</i> <i>Additional information</i>	Classification according EN 62471:2008: see page 4.

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Typelist:

TRADEMARK / TYPECODE		Circuits	Supply current (rated / max.)	Forward voltage (U _F) ² (rated / max.)	Power ¹ (rated / max.)	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	Classification according to EN 62471:2008
Pos.	Type Reference										
1	TW DLE G2 60mm 3000lm 927-965	WW (2700 K)	400 / 700	39,4 / 42,2	15,7 / 29,5	60 (SELV)	65	95	28	-	RG1
		CW (6500 K)	400 / 700	40,4 / 43,7	16,1 / 30,6				63		
2	TW DLE G2 43x51mm 2200lm 927-965	WW (2700 K)	625 / 825	29,7 / 30,9	18,5 / 25,5	60 (SELV)	65	95	20	891	RG2 d _{thr} =1,02 m
		CW (6500 K)	625 / 825	23,7 / 24,7	14,8 / 20,4				45		
3	TW DLE G2 43x51mm 3000lm 927-965	WW (2700 K)	550 / 650	40,8 / 41,8	22,5 / 27,1	60 (SELV)	65	95	28	858	RG2 d _{thr} =1.25m
		CW (6500 K)	550 / 650	42,1 / 43,2	23,2 / 28,1				63		

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:

- (1) TRIDONIC type LCA 38W 350-1050mA DT8 SR PRE
- (2) TRIDONIC type LC 38/350-1050/50 bDW TW SR PRE2

¹ Typical values at t_{p, rated} with rated / max. supply current

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

DLE G2 60mm 2000lm 927-965 SR PRE KIT	LED-Driver(1) + 1x LED module (Pos.1)
DLE G2 60mm 3000lm 927-965 SR PRE KIT	LED-Driver(1) + 1x LED module (Pos.1)
DLE G2 43x51mm 1350lm 927-965 SR DT8 PRE KIT	LED-Driver(1) + 1x LED module (Pos.2)
DLE G2 43x51mm 1850lm 927-965 SR DT8 PRE KIT	LED-Driver(1) + 1x LED module (Pos.2)
DLE G2 43x51mm 2200lm 927-965 SR DT8 PRE KIT	LED-Driver(1) + 1x LED module (Pos.2)
DLE G2 43x51mm 3000lm 927-965 SR DT8 PRE KIT	LED-Driver(1) + 1x LED module (Pos.3)
DLE G2 43X51 1350 927-965 bDW SR PRE KIT	LED-Driver(2) + 1x LED module (Pos.2)
DLE G2 43X51 1850 927-965 bDW SR PRE KIT	LED-Driver(2) + 1x LED module (Pos.2)
DLE G2 43X51 2200 927-965 bDW SR PRE KIT	LED-Driver(2) + 1x LED module (Pos.2)
DLE G2 43X51 3000 927-965 bDW SR PRE KIT	LED-Driver(2) + 1x LED module (Pos.3)

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