

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.: **22159-017**

Date of issue: Wien, 2023 12 01

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: **Zumtobel Lighting GmbH**
Grevenmarschstr. 74-78
32657 Lemgo
Germany

Product: **Recessed luminaires**

Trade Mark:  **ZUMTOBEL**

Series/Type: **VIVO II, CI.II**

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</i> <i>Manufacturer</i>	Zumtobel Lighting GmbH Grevenmarschstr. 74-78 32657 Lemgo Germany
<i>Fertigungsstätte(n)</i> <i>Factory location(s)</i>	Zumtobel Lighting GmbH Grevenmarschstr. 74-78 32657 Lemgo Germany
<i>Typenbezeichnung</i> <i>Type reference</i>	V2-R S..., V2-R M ..., V2-R L ..., V2-SR S ..., V2-SR M ..., V2-P M ..., see page 6.
<i>Prüfbericht</i> <i>Test Report</i>	TR 22159-0018-01 ECS
<i>Nationale Bestimmung(en)</i> <i>National Standard(s)</i>	OVE EN IEC 60598-1:2022-04-01 OVE EN IEC 60598-1/A11:2023-02-01 ÖVE/ÖNORM EN 60598-2-2:2012-11-01
<i>Europanorm(en)</i> <i>European Standard(s)</i>	EN IEC 60598-1:2021 EN IEC 60598-1:2021/A11:2022 EN 60598-2-2:2012
<i>Ersatz für Zertifikat</i> <i>Superseded licence</i>	--
<i>Anmerkung(en)</i> <i>Remark(s)</i>	--

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Nennspannung
Rated voltage

AC 220-240 V, 0/50/60 Hz

Anzahl und Leistung der Lampen
Rated wattage and number of lamps

**1x LED module 11, 19, 20, 29, 30, 35, 43, 50 W
(see typelist)**

Lampentyp(en)
Lamp identification

**LED modules CLU02J, CLU03J, Fortimo SLM,
BXRV LES 9mm, BXRV LES 15mm, BXRV LES 18mm.**

Schutzgrad
Degree of protection

IP20

Netzanschluss
Supply connection

Screwless terminals (from LED control gear)

Befestigungsfläche
Supporting surface

**Normally flammable surface.
Not suitable for covering with thermally insulating
material.**

Schutzklasse
Class of protection

CI.II

Beschreibung des Aufbaus
Description of construction

**Fixed ceiling recessed rotatable/tiltable or pendent
luminaires for indoor use with screwless terminals.
Housing made of aluminium and thermoplastic material.**

Zusatzinformation
Additional information

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<i>Bauteil Component</i>	<i>Code Code</i>	<i>Hersteller Manufacturer</i>	<i>Typenbezeichnung Type Reference</i>	<i>Konformitätszeichen Mark(s) of conformity</i>
<i>LED controlgear</i>				
	B	TCI	PROFESSIONALE DALI BI	ENEC 05
	B	TCI	PROFESSIONALE DALI	ENEC 05
	B	Tridonic	LC 38/650-1050/42 o4a NFC SC EXC3	ENEC 11
	B	Tridonic	LC 30/700/43 fixC SR SNC2	ENEC 11
	B	Tridonic	LC 35/800/43 fixC SR SNC2	ENEC 11
	B	Tridonic	LC 40/900/1050 fixC SR SNC2	ENEC 11
<i>TW-versions</i>	B	Tridonic	LC 38/350-1050/50 bDW TW SR PRE2	ENEC 11
	B	Tridonic	LCA 38W 350-1050mA DT8 SR PRE	ENEC 11
	B	TCI	PROFESSIONALE CASAMBI TW BI	ENEC 05
	B	Osram	OTi DALI 50/220-240/1A4 NFC TW	ENEC 10
<i>LED modules</i>				
	A*	Citizen	CLU02J-1204C9 @ max. 700mA	ENEC 18
	A*	Citizen	CLU03J-1208C9 @ max. 1050mA	ENEC 18
	A*	Signify/Philips	Fortimo SLM 1208 G7 PC/PW @ max. 800mA	ENEC 15
<i>TW-versions</i>	A*	Bridgelux	VESTA Series, BXR V LES 9mm 18V @ max. 500/425mA	ENEC 15
	A*	Bridgelux	VESTA Series, BXR V LES 9mm 36V @ max. 450/350mA	ENEC 15
	A*	Bridgelux	VESTA Series, BXR V LES 15mm @ max. 900/800mA	ENEC 15
	A*	Bridgelux	VESTA Series, BXR V LES 18mm @ max. 1250/1050mA	ENEC 15
<i>Wiring</i>				
	C	Helukabel	Helutherm 145, LiH 2x 0,5 mm ² , halogen free, 145°C; red/black	Checked within appliance
	B	New Square	H03Z1Z1H2-F 2x 0,5 mm ² ; 90°C; 300/300V	HAR, VDE
<i>V2-P versions only</i>	B	Norbert Kordes	H03VV-F 2X0.75	HAR
<i>Sleeve</i>	C	Kremer GmbH	ISOTEX 300R 220°C; textile+silicon	Checked within appliance
<i>LED holder + connectors</i>	B	BJB	47.363.1001 / .1005 / .1008 with connectors types 1246, 1250, 1251 DC 60V (SELV); 2A; T110	VDE
<i>LED holder for Bridgelux COB</i>	B	Bender & Wirth	483 type Z1 DC 80V; 5A; T200 incl. wires SiF 0,35mm ² ; 300V	VDE

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<i>Mounting ring (V2-R, V2-SR)</i>	C	Zumtobel/ Sabic	PC LEXAN 915R (WH and BK) 122°C; GWT 850°C @ 1mm	Checked within appliance
<i>Clamping element mounting ring</i>	C	Zumtobel/ Sabic	PC LEXAN 915R (WH and BK) 122°C; GWT 850°C @ 1mm	Checked within appliance
<i>Strain relief (for V2-R versions)</i>	C	Zumtobel/ Sabic	PC LEXAN 915R (BK) 122°C; GWT 850°C @ 1mm	Checked within appliance
<i>Front ring</i>	C	Zumtobel/ Sabic	PC LEXAN Resin 123R-80287 WH 122°C; GWT 850°C @ 1mm	Checked within appliance
<i>Reflectors</i>	C	Zumtobel/ Sabic	PC LEXAN Resin 123R-80287 WH 122°C; GWT 850°C @ 1mm	Checked within appliance
<i>Thermal Interface</i>	C	ICT Südwerk	Polyimide film coated Phase Change Mat. on both sides 0,09-0,13mm; 5kV AC; 150°C	Checked within appliance
	C	Bergquist	Hi-Flow 300P Thickness: 0,127 mm Phase change 5kV insulation	Checked within appliance

- A The component is replaceable with another one, also certified, with equivalent characteristics.
A* The component is replaceable with another one according to ETF5-OSM-LUM/DSH 2057
B The component is replaceable if authorised by the test house.
C Integrated component tested together with the appliance.
D Alternative component.

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Typecode:

[illegible]

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Typelist:

Type	Rated power [W]	Current setting [mA]	LED-module	Adaptor
V2-R S xxxx-yzz LDO ...	20	500	CLU02J-1204C9	-
V2-R M xxxx-yzz LDO ...	30	800	CLU03J-1208C9	-
V2-R M 2500-927-65 LDO ...	35	900/800	BXRV LES 15mm	-
V2-R M xxxx-bbbb LDO ...	30	800	CLU03J-1208C9	-
V2-R M 2200-BKY LDO ...	30	800	CLU03J-1208C9	-
V2-R M xxxx-FASH LDO ...	30	800	PH SLM 1208 G7 PC	-
V2-R M 2800-WHEX LDO ...	30	800	PH SLM 1208 G7 PW	-
V2-R M xxxx-yzz SWI ...	30	800	CLU03J-1208C9	-
V2-R S 1200-927-65 LDO ...	19	450/350	BXRV LES 9mm (36V)	-
V2-R S 1200-927-65 BC ...	19	450/350	BXRV LES 9mm (36V)	-
V2-R M 2500-927-65 BC ...	35	900/800	BXRV LES 15mm	-
V2-R L 2800-927-65 LDO ...	35	900/800	BXRV LES 15mm	-
V2-R L 3800-927-65 LDO ...	50	1250/1050	BXRV LES 18mm	-
V2-SR S 700-927-65 BC ...	11	500/425	BXRV LES 9mm (18V)	-
V2-SR S xxxx-yzz LDO ...	29	700	CLU02J-1204C9	-
V2-SR M xxxx-yzz LDO ...	43	1050	CLU03J-1208C9	-
V2-P M xxxx-yzz SWI RB kkk ...	43	1050	CLU03J-1208C9	RB

V2..... VIVO II

V2-R..... Recessed version

V2-SR Semi recessed version

V2-P Pendant version with recessed baldachin

S, M, L..... Size

xxxx..... Nominal luminous flux

yzz..... Photometric code (y= code for CRI, zz= code for CCT)

bbbb alternative codes for special use (DELIC, BKY, FRUIT, FISH, MEAT, CHEES)

kkk..... Cable type (for pendant version only)

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