

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.: **22159-016**

Date of issue: Wien, 2023 11 03

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: **Fixed luminaires for ceiling mounting with track systems**

Trade Mark:  **ZUMTOBEL**

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

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
Email: t.neumayer@ove.at

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 S ..., V2 M ..., V2 L ..., V2-P M ..., see page 6.
<i>Prüfbericht</i> <i>Test Report</i>	TR 22159-0017-01 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 OVE EN IEC 60598-2-1:2021-12-01
<i>Europannorm(en)</i> <i>European Standard(s)</i>	EN IEC 60598-1:2021 EN IEC 60598-1:2021/A11:2022 EN IEC 60598-2-1:2021
<i>Ersatz für Zertifikat</i> <i>Superseded licence</i>	--
<i>Anmerkung(en)</i> <i>Remark(s)</i>	--

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<i>Nennspannung</i> <i>Rated voltage</i>	AC 220-240 V, 50/60 Hz
<i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	1x LED module 11, 19, 26,5, 27, 29, 32, 34, 35, 41, 43, 47, 50, 62 W (see typelist)
<i>Lampentyp(en)</i> <i>Lamp identification</i>	LED modules CLU02J, CLU03J, CLU04J, Fortimo SLM, BXRV LES 9, BXRV LES 15mm, BXRV LES 18mm.
<i>Schutzgrad</i> <i>Degree of protection</i>	IP20
<i>Netzanschluss</i> <i>Supply connection</i>	Track system
<i>Befestigungsfläche</i> <i>Supporting surface</i>	Normally flammable surface
<i>Schutzklasse</i> <i>Class of protection</i>	CI.I
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	Fixed luminaires for indoor use, ceiling mounting with electrical supply track systems. Housing made of aluminium and thermoplastic material.
<i>Zusatzinformation</i> <i>Additional information</i>	--

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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	DC Maxi Jolly HC DALI BI	ENEC 05
	B	TCI	INLED 30/700 (K2I41)	ENEC 05
	B	TCI	INLED 40 DALI (K2I35)	ENEC 05
	B	TCI	Professionale DALI BI	ENEC 05
	B	Osram	IT FIT 30/220-240/700 B	ENEC 25
	B	Tridonic	LC 38/650-1050/42 o4a NF SC EXC3	ENEC 11
	B	Tridonic	LC 28/300-700/42 o4a NF SC EXC3	ENEC 11
<i>TW-versions</i>	B	Tridonic	LC 38/350-1050/50 bDW TW C PRE2	ENEC 11
	B	Tridonic	LCA 38W 350-1050mA DT8 C 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. 1200mA	ENEC 18
	A*	Citizen	CLU04J-1212C9 @ max. 1600mA	ENEC 18
	A*	Signify/Philips	Fortimo SLM 1208 G7 PC/PW @ max. 1050mA	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. 1500/1050mA	ENEC 15
<i>Track-Adaptor</i>				
	B	Vossloh-Schwabe	UIT-3P = 3CUC, type T14937 AC 250 V; 3A	VDE
	B	Vossloh-Schwabe	UIT-1P (DALI) type T15105 AC 250V; 3A	VDE
	B	Vossloh-Schwabe	T12080 AC 250 V; 6A	VDE
	B	Vossloh-Schwabe	T14590 AC 250 V; 6A	VDE
	B	Vossloh-Schwabe	T12081, DALI AC 250 V; 6A	VDE
	B	Vossloh-Schwabe	T14591, DALI AC 250 V; 6A	VDE
	B	Oy Lival Ab Globaltrac	Multiadaptor, GA 69-2/3 AC 250V; 6A	ENEC 16
<i>Wiring</i>				
	C	Helukabel	Helutherm 145, LiH 2x0,5 mm ² , halogen free, 145°C; red/black	Checked within appliance

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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>Wiring</i>	C	Industria Cavel	FF19USV1T FEP+FEP (BR/BL+Transp.) 21AWG; 0,5mm²; 180°C; 300/300V, FEP 0,25 mm thick	Checked within appliance
<i>V2-P versions only</i>	B	Salcavi	H05V2V2-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 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 0,35mm²; 300V	VDE
<i>Backplate cover</i>	C	Zumtobel/ Sabic	PC LEXAN 915R (WH and BK) 122°C; GWT 850°C @ 1mm	Checked within appliance
<i>Front rings</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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Typelist:

Type	Rated power [W]	Current setting [mA]	LED-module	Track adaptor
V2-P M xxxx-yzz SWI 3CUC kkk ...	27	700	CLU03J-1208C9	3CUC
V2 S 1200-927-65 BC 3CV ...	19	450/350	BXRV LES 9mm (36V)	3CV
V2 M 2500-927-65 LDO 3CY ...	35	900/800	BXRV LES 15mm	3CY
V2 M 2500-927-65 BC 3CV ...	35	900/800	BXRV LES 15mm	3CV
V2 L 2800-927-65 LDO 3CY SP ...	35	900/800	BXRV LES 15mm	3CY
V2 L 3800-927-65 LDO 3CY ...	50	1250/1050	BXRV LES 18mm	3CY
V2-P M 2500-927-65 LDO 3CY kkk ...	35	900/800	BXRV LES 15mm	3CY
V2-P M 2500-927-65 BC 3CV kkk ...	35	900/800	BXRV LES 15mm	3CV
V2 L xxxx-9zz LDO 3CY SP ...	47	1200	CLU03J-1208C9	3CY
V2 L 6000-9zz LDO 3CY ...	62	1600	CLU04J-1212C9	3CY
V2 S 1200-927-65 LDO 3CY ...	19	450/350	BXRV LES 9mm (36V)	3CY
V2 M xxxx-yzz LDO 3CDC ...	26,5	700	CLU03J-1208C9	3CDC
V2 M xxxx-FASH LDO 3CDC ...	26,5	700	SLM 1208 G7	3CDC
V2 M xxxx-WHEX LDO 3CDC ...	26,5	700	SLM 1208 G7	3CDC
V2 L xxxx-yzz LDO 3CDC ...	32	850	CLU04J-1212C9	3CDC
V2 M xxxx-bbbb LDO 3CDC ...	26,5	700	CLU03J-1208C9	3CDC
V2 L xxxx-zyy LDO 3CDC SP ...	34	850	CLU03J-1208C9	3CDC
V2 L xxxx-yzz LDO 3CDC ...	32	850	CLU04J-1212C9	3CDC
V2 M xxxx-yzz SWI 3CUC ...	27	700	CLU03J-1208C9	3CUC
V2 M xxxx-FASH SWI 3CUC ...	27	700	SLM 1208 G7	3CUC
V2 M xxxx-WHEX SWI 3CUC ...	27	700	SLM 1208 G7	3CUC
V2 M xxxx-bbbb SWI 3CUC ...	27	700	CLU03J-1208C9	3CUC
V2 S xxxx-yzz LDO 3CY ...	29	700	CLU02J-1204C9	3CY
V2 M xxxx-yzz LDO 3CY ...	43	1050	CLU03J-1208C9	3CY
V2 M xxxx-FASH LDO 3CY ...	43	1050	SLM 1208 G7	3CY
V2 M xxxx-WHEX LDO 3CY ...	43	1050	SLM 1208 G7	3CY
V2 M xxxx-bbbb LDO 3CY ...	43	1050	CLU03J-1208C9	3CY
V2 L xxxx-yzz LDO 3CY ...	32	850	CLU04J-1212C9	3CY
V2 L xxxx-yzz LDO 3CY SP ...	43	1050	CLU03J-1208C9	3CY
V2 L xxxx-yzz LDO 3CY ...	41	1050	CLU04J-1212C9	3CY
V2 S 700-927-65 BC 3CV ...	11	500/425	BXRV LES 9mm (18V)	3CV
V2 M xxxx-yzz SWI 3GU ...	27	700	CLU03J-1208C9	3GU
V2 M xxxx-FASH SWI 3GU ...	27	700	SLM 1208 G7	3GU
V2 M xxxx-WHEX SWI 3GU ...	27	700	SLM 1208 G7	3GU
V2 M xxxx-bbbb SWI 3GU ...	27	700	CLU03J-1208C9	3GU

V2..... VIVO II

V2-P VIVO II Pendant version

S, M, L Size

xxxx..... Nominal luminous flux

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yyz..... 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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