

OVE Austrian Electrotechnical Association
Eschenbachgasse 9, 1010 Wien, Austria
ZVR: 327279890 | DVR: 1055887 | www.ove.at

OVE Testing & Certification
Kahlenberger Str. 2A, 1190 Wien, Austria
T +43 1 370 58 06 | F +43 1 370 58 06-199



ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No. **251-179**

Date of issue: Wien, 2016 06 17
Rev. No. 04 Wien, 2018 10 16

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: **Zumtobel Lighting GmbH**
Schweizer Str. 30
6850 Dornbirn
Austria

Product: **Fixed general purpose luminaires**

Trade Mark:  **ZUMTOBEL**

Series/Type: **ONDA2**

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 Testing & Certification

Digitally signed by W. Martin
Email=w.martin@ove.at
Dipl.-Ing. W. Martin



OVE Testing & Certification

Accredited by the Federal Ministry for Digital and Economic Affairs
as Certification Body for products within the scope as given
in the official decree and published under www.bmdw.gv.at/akkreditierung.



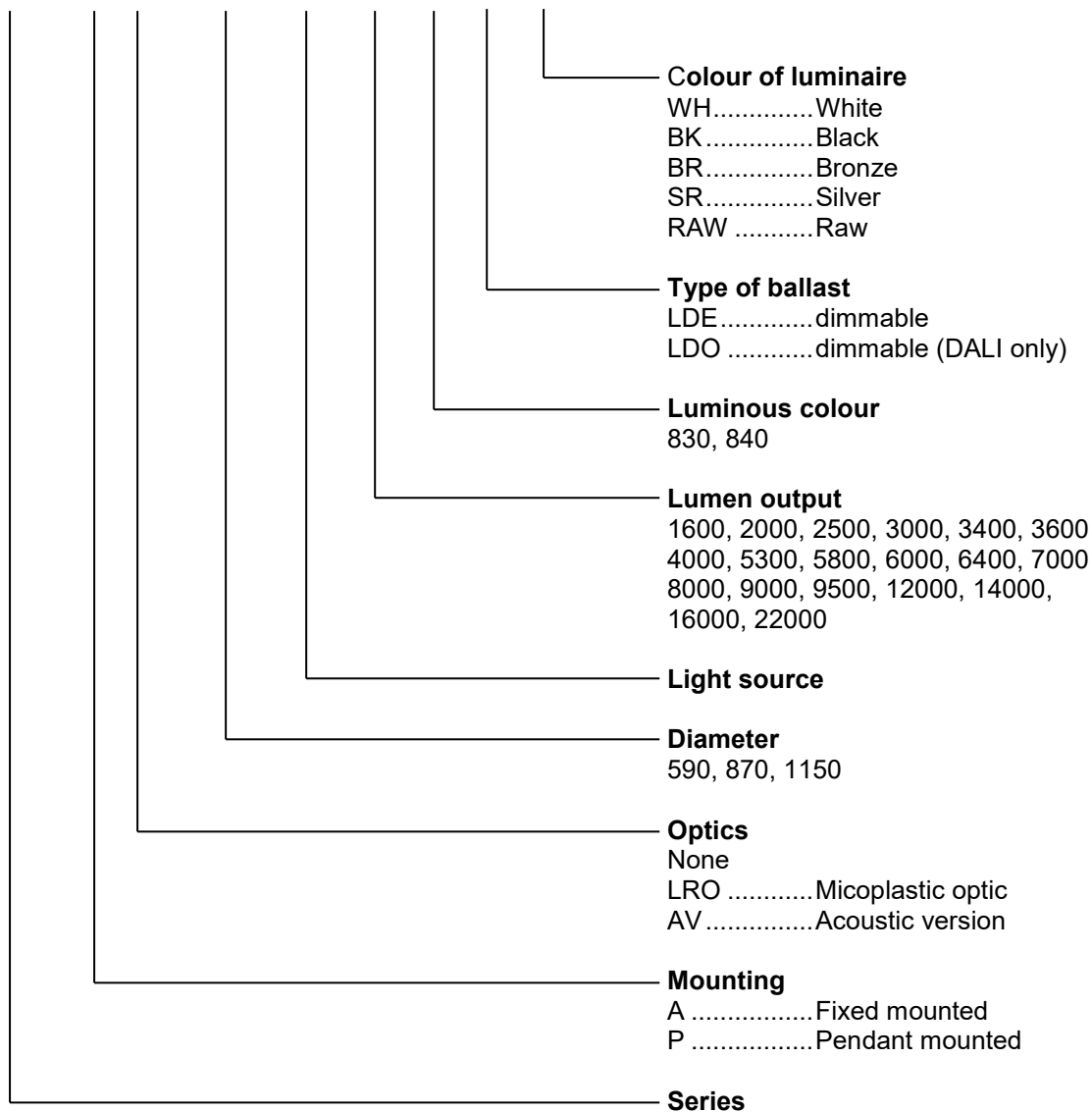
<i>Hersteller</i> <i>Manufacturer</i>	Zumtobel Lighting GmbH Schweizer Str. 30 6850 Dornbirn Austria
<i>Fertigungsstätte(n)</i> <i>Factory location(s)</i>	Zumtobel Lighting GmbH Schweizer Str. 30 6850 Dornbirn Austria
<i>Typenbezeichnung</i> <i>Type reference</i>	Series ONDA2, see page 5
* <i>Prüfbericht</i> <i>Test Report</i>	TR-251-0086-01 ECS, TR-251-0086-03 ECS
<i>Nationale Bestimmung(en)</i> <i>National Standard(s)</i>	ÖVE/ÖNORM EN 60598-1:2015-11-01 ÖVE-LI/EN 60598-2-1:1989 ÖVE/ÖNORM EN 60598-2-22:2015-07-01
<i>Europannorm(en)</i> <i>European Standard(s)</i>	EN 60598-1:2015 EN 60598-2-1:1989 EN 60598-2-22:2014
* <i>Ersatz für Zertifikat</i> <i>Superseded licence</i>	251-179 Rev. 03 dated 2017 10 10 Items modified are marked with an asterisk (*)
* <i>Anmerkung(en)</i> <i>Remark(s)</i>	Classification Z 1 for centrally supplied maintained emergency luminaire according EN 60598-2-22 optional. CTF Stage 2

<i>Nennspannung</i> <i>Rated voltage</i>	220-240 V, 0/50/60 Hz
* <i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	4x CLE QUADRANT G3 261mm 1200lm 8.. ADV, 4x CLE QUADRANT G3 401mm 2500lm 8.. ADV, 4x CLE QUADRANT G3 401mm 2500lm 8.. ADV + 8x CLE QUADRANT G3 541mm 1000lm 8.. ADV
* <i>Lampentyp(en)</i> <i>Lamp identification</i>	LED modules (ILCOS: DSR)
<i>Schutzgrad</i> <i>Degree of protection</i>	IP 20
<i>Netzanschluss</i> <i>Supply connection</i>	Screwless terminals
* <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>	Diffuse LED circular luminaire with opal PMMA cover. The luminaire is available in 590, 870 and 1150mm in lighting colours of 3000K and 4000K each. The luminaire consists of a round aluminium housing in white enamelled coat and a PMMA plastic cover, that is fixed with the frame. The luminaire also provides a low indirect component for ceiling illumination with surface-mounting. It can be fitted as pendant luminaire using with special accessory. The luminaire includes a electronic LED converter for DALI control.
* <i>Zusatzinformation</i> <i>Additional information</i>	Light source classified as RG0 according to EN 62471:2008.

<i>Bauteil</i> <i>Component</i>	<i>Code</i>	<i>Hersteller</i> <i>Code Manufacturer</i>	<i>Typenbezeichnung</i> <i>Type Reference</i>	<i>Konformitätszeichen</i> <i>Mark(s) of conformity</i>
<i>LED control gear</i>	B	Philips	Xitanium 75W...	ENEC 05
*	B	Philips	Xitanium 110W...	ENEC 05
*	B	Philips	Xitanium 150W...	ENEC 05
	B	Tridonic	LCA 75W...	ENEC 11
	B	Tridonic	LCA 100W...	ENEC 11
*	B	Osram	OTi DALI 35...	ENEC 10
	B	Osram	OTi DALI 60...	ENEC 10
	B	Osram	OTi DALI 90...	ENEC 10
* <i>LED module</i>	A*	Tridonic	CLE Quadrant G3 ... ADV	ENEC 11
<i>Terminals</i>	A	Electro Terminal	SLK5;	ENEC 11
	A	Wago	450 V; 24 A V; 0,5-2,5mm²; T85	VDE
			224-112;	
			400 V; 24 A V; 2,5mm²; T105	
<i>Plug</i>	A	Wieland	GST1815...;	VDE
			250/400 V; 20 A; 0,75-2,5mm²	
* <i>Wiring</i>	A	Leoni	S05G-U...;	BBJ
			300/500 V; 0,5mm²; 110°C	
*	A	Leoni	S07G-U...;	BBJ
			450/700 V; 1,5mm²; 110°C	
*	A	Norbert Kordes	H05Z1Z1;	VDE
			300/500 V; 0,75mm²; 70°C	
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 OD-5002-3:2015 B The component is replaceable if authorised by the test house. C Integrated component tested together with the appliance. D Alternative component.				

Typecode:

ONDA2 D.... LED.....-... ..



Accessories:

- ONDA2 AST2
- ONDA2 AST4