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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No. **251-179**

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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: **Zumtobel Lighting GmbH**
Schweizer Str. 30
6851 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.

Austrian Electrotechnical Association
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 of Science, Research and Economy as Certification Body for products within the scope as given in the official decree and published under www.en.bmwf.gv.at/accreditation



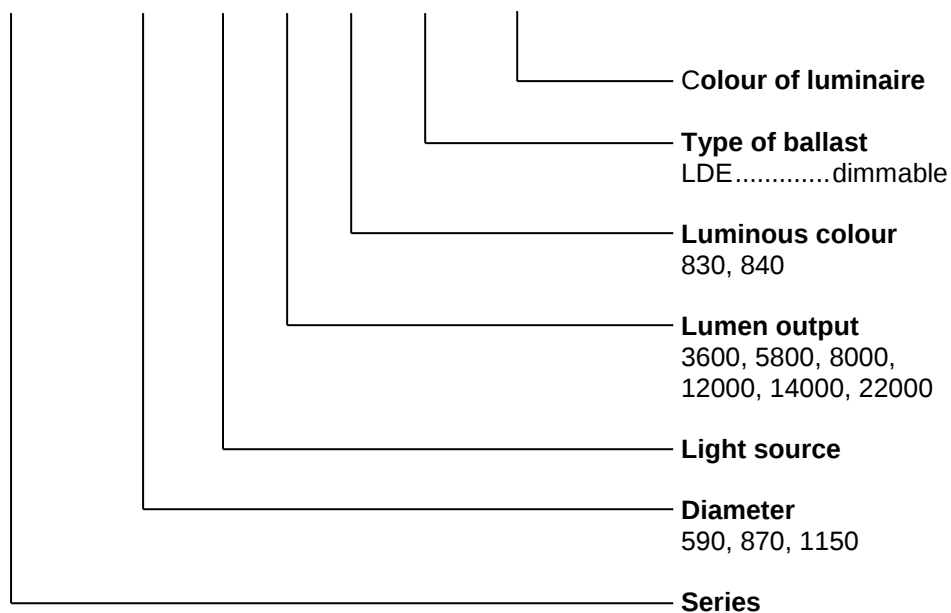
<i>Hersteller</i> <i>Manufacturer</i>	Zumtobel Lighting GmbH Schweizer Str. 30 6851 Dornbirn Austria
<i>Fertigungsstätte(n)</i> <i>Factory location(s)</i>	Zumtobel Lighting GmbH Schweizer Str. 30 6851 Dornbirn Austria
<i>Typenbezeichnung</i> <i>Type reference</i>	Series ONDA2, see page 4/4 of Annex
<i>Prüfbericht</i> <i>Test Report</i>	TR-251-0029-01 ECS, TR-251-0029-03 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>	--
<i>Anmerkung(en)</i> <i>Remark(s)</i>	Classification Z 1 for centrally supplied maintained emergency luminaire according EN 60598-2-22 optional. SMT-procedure.

<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 G2 261mm 1200lm 830 ADV, 4x CLE QUADRANT G2 401mm 2500lm 830 ADV, 4x CLE QUADRANT G2 401mm 2500lm 830 ADV + 8x CLE QUADRANT G2 541mm 1000lm 830 ADV;
<i>Lampentyp(en)</i> <i>Lamp identification</i>	LED modules (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, not suitable for covering with thermally insulating material.
<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 RG1 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 0.12-0.4A 215V TD 230V	ENEC 05
	B	Tridonic	LCA 50W 100–400mA one4all Ip PRE, LCA 75W 100–400mA one4all Ip PRE, LCA 75W 250–550mA one4all Ip PRE, LCA 100W 250–700mA one4all Ip PRE;	ENEC 11
	B	Osram	OTi DALI 90/220-240V/1A0 LT2L, OTi DALI 60/220-240/550 D LT2 L	ENEC 10
<i>LED module</i>	B	Tridonic	CLE Quadrant G2 ... ADV	ENEC 11
<i>Terminals</i>	A	Electro Terminal	SLK5; 450 V; 24 A V; 0,5-2,5mm²; T85	ENEC 11
	A	Wago	224-112; 400 V; 24 A V; 2,5mm²; T105	VDE
<i>Wiring</i>	A	Coroplast	(N) 31YFA; 300/500 V; 0,5mm²; 105°C	VDE
	A	Norbert Kordes	H05Z1Z1; 300/500 V; 0,75mm²; 60°C	VDE
A The component is replaceable with another one, also certified, with equivalent characteristics. 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.....-... LDE WH



Accessories:

- ONDA2 AST2
- ONDA2 AST4