

**OVE Austrian Electrotechnical Association**  
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**OVE Testing and Certification**  
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ENEC Certification Body registered under ID # 11.

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# LICENCE

to use the European Mark



Licence No.: **251-211**

Date of issue: Wien, 2020 03 26

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: **Recessed luminaire**

Trade Mark:  **ZUMTOBEL**

Series/Type: **ECOOS2 SLIM...**

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 and Certification

Digitally signed by W. Martin  
Email=[w.martin@ove.at](mailto:w.martin@ove.at)

Dipl.-Ing. W. Martin



## OVE Testing and Certification

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<i>Hersteller Manufacturer</i>	<b>Zumtobel Lighting GmbH Schweizer Str. 30 6850 Dornbirn Austria</b>
* <i>Fertigungsstätte(n) Factory location(s)</i>	<b>ZG Lighting SRB doo Ulica Cumtobel br. 1 18000 Nis Serbia, Republic of</b>  <b>Zumtobel Lighting GmbH Schweizer Str. 30 6850 Dornbirn Austria</b>
* <i>Typenbezeichnung Type reference</i>	<b>Series ECOOS2 SLIM..., see page 5</b>
* <i>Prüfbericht Test Report</i>	<b>TR-251-0106-03 ECS, TR-251-0106-04 ECS</b>
* <i>Nationale Bestimmung(en) National Standard(s)</i>	<b>OVE EN 60598-1:2018-11-01 ÖVE/ÖNORM EN 60598-2-2:2012-11-01 ÖVE/ÖNORM EN 60598-2-22:2015-07-01</b>
* <i>Europannorm(en) European Standard(s)</i>	<b>EN 60598-1:2015 + A1:2018 EN 60598-2-2:2012 EN 60598-2-22:2014</b>
<i>Ersatz für Zertifikat Superseded licence</i>	<b>251-210 dated 2020 03 26</b>
<i>Anmerkung(en) Remark(s)</i>	<b>Classification Z 1 for centrally supplied maintained emergency luminaire according EN 60598-2-22 optional.</b>  <b>CTF Stage 2</b>

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<i>Nennspannung</i> <i>Rated voltage</i>	<b>220-240 V, 0/50/60 Hz</b>
* <i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	<b>2x LEM S16... + 4x LEM S32..., 6x LEM S32...</b>
<i>Lampentyp(en)</i> <i>Lamp identification</i>	<b>LED modules (ILCOS: DSL)</b>
<i>Schutzgrad</i> <i>Degree of protection</i>	<b>IP20</b>
* <i>Netzanschluss</i> <i>Supply connection</i>	<b>Screwless terminals</b>
* <i>Befestigungsfläche</i> <i>Supporting surface</i>	<b>Normally flammable surface, not suitable for covering with thermally insulating material.</b>
<i>Schutzklasse</i> <i>Class of protection</i>	<b>CI.I</b>
* <i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	<b>Semi recessed LED luminaire with a MPO- (micropyramidal) or OP (opal) optic. DALI controllable luminaire with LED control gear (SELV). The ECOOS2 Slim version have a light guided via patented curved wave guide light coupling and optic with multi-layer construction for defined light. Gear tray made of extruded aluminium section which is powder coated.</b>
<i>Zusatzinformation</i> <i>Additional information</i>	<b>Light source classified as RG0 (Exempt Group) according to EN 62471:2008.</b>

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<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 module</i>	<b>A*</b>	<b>Zumtobel</b>	<b>LEM S16..., LEM S32...</b>	<b>ÖVE</b>
<i>LED control gear</i>	<b>B</b>	<b>Tridonic</b>	<b>LCA 35W...</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Tridonic</b>	<b>LCA 50W...</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Tridonic</b>	<b>LCA 75W...</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Tridonic</b>	<b>LC 25W...</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Tridonic</b>	<b>LC 50W...</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Tridonic</b>	<b>LC 75W...</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Philips</b>	<b>Xitanium 36W...</b>	<b>ENEC 05</b>
	<b>B</b>	<b>Philips</b>	<b>Xitanium 75W...</b>	<b>ENEC 05</b>
	<b>B</b>	<b>Osram</b>	<b>OTi DALI ...</b>	<b>ENEC 10</b>
	<b>B</b>	<b>Osram</b>	<b>OT...</b>	<b>ENEC 10</b>
<i>Terminal</i>	<b>A</b>	<b>Electro Terminal</b>	<b>SLK 5; 450V; 24A; 0,5-2,5 mm<sup>2</sup>; T85</b>	<b>ENEC 11</b>
<i>Connector</i>	<b>A</b>	<b>Wago</b>	<b>734...; 250V; 10A; T100</b>	<b>ENEC 05</b>
<i>Wiring</i>	<b>A</b>	<b>Leoni</b>	<b>Ecosense S05G-U; 300/500 V; 0,5-1 mm<sup>2</sup>; 110°C</b>	<b>BBJ</b>
	<b>C</b>	<b>3A Pvc Wire &amp; Cable Co Ltd</b>	<b>AWM STYLE 3385...; 300 V; 0,205 mm<sup>2</sup> (AWG24), 105°C</b>	<b>Checked within appliance</b>

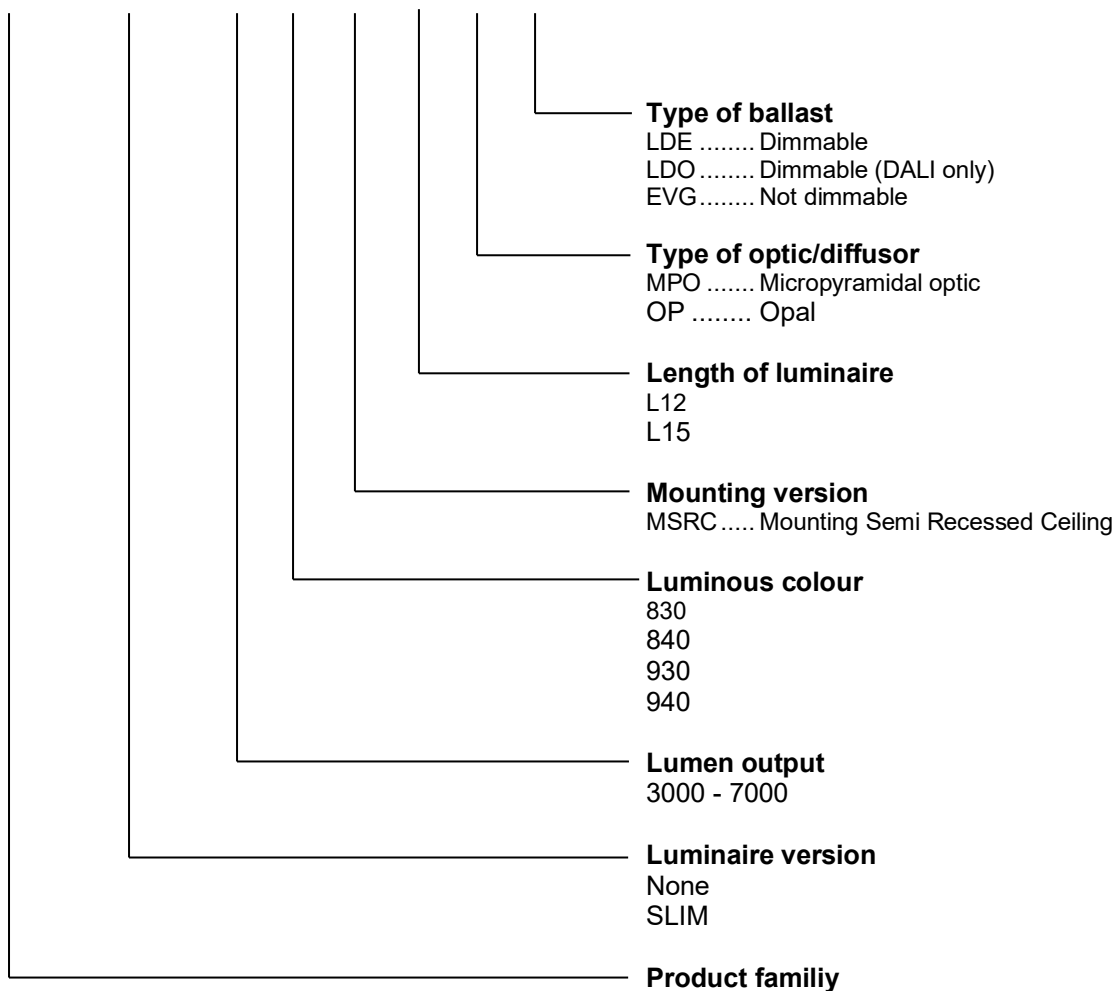
- A The component is replaceable with another one, also certified, with equivalent characteristics.  
 A\* The component is replaceable with another one according to ETF5-OSM-LUM/DSH 2057.  
 B The component is replaceable if authorised by the test house.  
 C Integrated component tested together with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

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**Typecode:**

ECOOS2 SLIM ....-... ..



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**Accessories:**

ECOOS2 SLIM ENDCAP SET BK  
ECOOS2 SLIM ENDCAP SET BZ  
ECOOS2 SLIM ENDCAP SET SR  
ECOOS2 SLIM ENDCAP SET WH  
ECOOS2 MSRC LB C MOUNT SET  
ECOOS2 MSRC LB DC MOUNT SET

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