

**OVE Austrian Electrotechnical Association**  
Eschenbachgasse 9 | 1010 Wien | Austria  
ZVR: 327279890 | [www.ove.at](http://www.ove.at)

**OVE Certification**  
Kahlenberger Str. 2A | 1190 Wien | Austria  
T +43 1 370 58 06 | [certification@ove.at](mailto:certification@ove.at)



ENEC Certification Body registered under ID # 11.

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# LICENCE

to use the European Mark



Licence No.: **251-217**

Date of issue: Wien, 2021 10 19

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 Luminaires with limited surface temperatures**

Trade Mark:  **ZUMTOBEL**

Series/Type: **CR2...**

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](mailto:t.neumayer@ove.at)

Dipl.-Ing. T. Neumayer



## OVE Certification

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<i>Hersteller</i> <i>Manufacturer</i>	<b>Zumtobel Lighting GmbH</b> <b>Schweizer Str. 30</b> <b>6850 Dornbirn</b> <b>Austria</b>
<i>Fertigungsstätte(n)</i> <i>Factory location(s)</i>	<b>ZG Lighting SRB doo</b> <b>Ulica Cumtobel br. 1</b> <b>18000 Nis</b> <b>Serbia, Republic of</b>  <b>Zumtobel Lighting GmbH</b> <b>Schweizer Str. 30</b> <b>6850 Dornbirn</b> <b>Austria</b>
<i>Typenbezeichnung</i> <i>Type reference</i>	<b>Series CR2 M..., Series CR2 L..., Series CR2PL M...,</b> <b>Series CR2PL L...,</b> <b>see page 5</b>
<i>Prüfbericht</i> <i>Test Report</i>	<b>TR-251-0137-01 ECS,</b> <b>TR-251-0137-02 ECS,</b> <b>TR-251-0137-04 ECS</b>
<i>Nationale Bestimmung(en)</i> <i>National Standard(s)</i>	<b>OVE EN 60598-1:2018-11-01</b> <b>ÖVE/ÖNORM EN 60598-2-2:2012-11-01</b> <b>OVE EN 60598-2-22:2021-01-01</b> <b>ÖVE/ÖNORM EN 60598-2-24:2014-05-01</b>
<i>Europannorm(en)</i> <i>European Standard(s)</i>	<b>EN 60598-1:2015 + A1:2018</b> <b>EN 60598-2-2:2012</b> <b>EN 60598-2-22:2014 + A1:2020</b> <b>EN 60598-2-24:2013</b>
<i>Ersatz für Zertifikat</i> <i>Superseded licence</i>	--
<i>Anmerkung(en)</i> <i>Remark(s)</i>	<b>Also available as centrally supplied maintained emergency luminaire (classification Z 1) according to EN 60598-2-22:2014 + A1:2020, see test report TR-251-0137-02 (optional).</b>  <b>Ball-Marking for luminaires safety to ball throwing according DIN 57710-13/VDE 0710 Teil 13:1981-05.</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 R96..., 4x LEM R96...</b>
<i>Lampentyp(en)</i> <i>Lamp identification</i>	<b>LED modules DSL-101-H-414x75mm</b>
<i>Schutzgrad</i> <i>Degree of protection</i>	<b>IP66</b>
<i>Netzanschluss</i> <i>Supply connection</i>	<b>Connecting leads</b>
<i>Befestigungsfläche</i> <i>Supporting surface</i>	<b>Normally flammable surface</b>
<i>Schutzklasse</i> <i>Class of protection</i>	<b>CI.I</b>
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	<b>Flat high bay recessed LED luminaire. Housing made of sheet steel or die-cast aluminum, powder coated, in three colours available. Venturi air nozzles for thermal management and dust minimization. Cover made of polycarbonate, polymethylmethacrylate or polyamide. Closed optical lens system. Lenses with a diagonal dome structure for maximum efficiency. The CR2 luminaire is made of sheet steel. The CR2PL had a better thermal management.</b>
<i>Zusatzinformation</i> <i>Additional information</i>	<b>--</b>

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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 module</i>	<b>A*</b>	<b>Zumtobel</b>	<b>LEM R96...</b>	<b>ÖVE</b>
<i>LED control gear</i>	<b>B</b>	<b>Tridonic</b>	<b>LCI 220...flexC NF...</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Tridonic</b>	<b>LCI 150...flexC NF...</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Tridonic</b>	<b>LCI 105...flexC NF...</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Tridonic</b>	<b>LCI 75...flexC NF...</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Tridonic</b>	<b>LCI 150... o4a sl...</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Philips</b>	<b>Xitanium 300W....</b>	<b>ENEC 05</b>
<i>Sensor</i>	<b>A</b>	<b>Tridonic</b>	<b>basicDIM ILD 16DPI 69f; 220-240 V; 50/60 Hz; Tc 75°C</b>	<b>ENEC 11</b>
<i>el. Module</i>	<b>A</b>	<b>Zumtobel</b>	<b>bmLINK; 230-240 V; 50/60 Hz; max. 50 mA; Tc 80°C</b>	<b>ENEC 11</b>
<i>Terminal</i>	<b>A</b>	<b>Electro Terminal</b>	<b>SLK 3; AC/DC 450V; 0,5-2,5 mm²; T110</b>	<b>ENEC 11</b>
	<b>A</b>	<b>Electro Terminal</b>	<b>SDKF; AC/DC 450V; 0,2-2,5 mm²; T85</b>	<b>ENEC 11</b>
<i>Wiring</i>	<b>A</b>	<b>Leoni</b>	<b>Ecosense S05G-U; 300/500 V; 0,5 mm²; 110°C</b>	<b>BBJ</b>
	<b>A</b>	<b>BizLink</b>	<b>H05Z1Z1-F; 300/500 V; 1,0 mm²; 110°C</b>	<b>HAR</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:

**CR2.. .. -... .. . . . . .**

### Colour of luminaire

BK .....Black  
WH .....White  
SR .....Silver / Grey

### Option connection

None  
QC3 .....Quick connect 3 poles  
QC5 .....Quick connect 5 poles

### Type of ballast

EVG .....not dimmable  
LDO .....only DALI dimmable  
MWS .....Micro wave sensor + EVG  
MWCF .....Micro wave sensor + LDO  
MWBM .....Micro wave sensor + BM  
LDS .....Micro wave sensor + DALI-V2  
BM .....Wireless Modul only BMLink  
BMS .....Wireless Modul + Sensor

### Type of optics

WB .....Wide beam  
VWB .....Very Wide Beam  
NB .....Narrow beam  
AB .....Asymetric Beam  
WBCG .....Louver Wide Beam  
NBCG .....Louver Narrow Beam

### Material of optics

PC .....Polycarbonate  
PM .....Polymethylmethacrylat  
CH .....Polyamid

### Luminous colour

830, 840, 850, 865

### Lumen output

10k – 35k

### Version

M .....Medium  
L .....Large

### Mounting

None  
FI .....Food version

### Luminaire series

CR2  
CR2PL

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**Accessories:** CR2PL M Mounting Frame  
CR2PL L Mounting Frame  
CR2 M Mounting Frame  
CR2 L Mounting Frame

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