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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No. **251-198**

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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
6850 Dornbirn
Austria

Product: **Fixed general purpose luminaires**

Trade Mark:  **ZUMTOBEL**

Series/Type: **Amphibia**

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
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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 AMP S..., Series AMP L..., Series AMP R..., see page 5 and 6
<i>Prüfbericht</i> <i>Test Report</i>	TR-251-0084-01 ECS, TR-251-0084-03 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 60598-2-24:2014-05-01
<i>Europannorm(en)</i> <i>European Standard(s)</i>	EN 60598-1:2015 EN 60598-2-1:1989 EN 60598-2-24:2013
<i>Ersatz für Zertifikat</i> <i>Superseded licence</i>	--
<i>Anmerkung(en)</i> <i>Remark(s)</i>	D-Marking for luminaires with limited surface temperature according to EN 60598-2-24 only for types AMP S... and AMP L... . CTF Stage 3

<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>	AMP S... / AMP L...: 2/3x LEM S56..., AMP RS...: 4x LEM S32..., AMP RL...: 2x LEM S32... + 4x LEM S56
<i>Lampentyp(en)</i> <i>Lamp identification</i>	LED modules (ILCOS: DSL)
<i>Schutzgrad</i> <i>Degree of protection</i>	IP65 for series AMP R..., IP66 for series AMP S... and series AMP L...
<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>	Cl. I
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	Fixed general purpose luminaire for wall and ceiling mounting. Series AMP R... without D-Marking and with IP65, Series AMP S... and AMP L... with D-Marking and IP66 and a special drip-edge-effect. Four different optics: Asymetric Beam, Nerrow Beam, Middle Beam or Wide Beam. The LED modules and the ECG are fixed on the light engine with screws.
<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>Code</i>	<i>Hersteller</i> <i>Manufacturer</i>	<i>Typenbezeichnung</i> <i>Type Reference</i>	<i>Konformitätszeichen</i> <i>Mark(s) of conformity</i>
<i>LED module</i>	A*	Zumtobel	LEM S56...	ÖVE
	A*	Zumtobel	LEM S32...	ÖVE
<i>LED control gear</i>	B	Tridonic	LCA 50W...	ENEC 11
	B	Tridonic	LCA 75W...	ENEC 11
	B	Tridonic	LC 50W...	ENEC 11
	B	Tridonic	LC 75W...	ENEC 11
	B	Tridonic	LCAI 35W...	ENEC 11
	B	Tridonic	LCAI 65W...	ENEC 11
	B	Tridonic	LCAI 100W...	ENEC 11
	B	Tridonic	LCI 100W...	ENEC 11
	B	Philips	Xitanium 36W...	ENEC 05
	B	Philips	Xitanium 60W...	ENEC 05
	B	Philips	Xitanium 75W...	ENEC 05
	B	Osram	OTi ... 35...	VDE
	B	Osram	OTi ... 60...	VDE
	B	Osram	OTi ... 75...	VDE
	B	Osram	OTi ... 90...	VDE
<i>Sensor</i>	A	Tridonic	smartSWITCH HF...; 220-240V; 50Hz; Tc 70°C	ENEC 05
<i>Terminals</i>	A	Electro Terminal	SLK 5; 420V; 24A; 0,5-2,5 mm²; T85	ENEC 11
<i>Connector</i>	A	Stucchi	3701, 3702; 400V; 16A; T110	IMQ
<i>Wiring</i>	A	Leoni	Ecosense S05G-U; 300/500 V; 0,5 mm² ; 110°C	BBJ
	A	Leoni	Ecosense S07G-U; 450/750 V; 2,5 mm² ; 110°C	BBJ

- 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:

AMP -

TW
None

QC3 3 poles
QC5 5 poles (with DALI)
QCTW 5 poles (with trough wiring)
None

MWS Micro wave sensor
 MWCF Micro wave sensor
 corridor function
 MWRF Micro wave sensor
 Radio Frequency (Master)
 RF Radio frequency (Slave)
 None

Type of band:
 EVG not dimmable
 LDO only DALI dimmable
 IVG Industry
 N4M Net for more

Light distribution
 AB.....Asymetric Beam
 MB.....Middle beam
 NB.....Narrow beam
 WB.....Wide beam

PC Polycarbonate
PM Polymethylmethacrylat
CH Chemo

830, 840, 865

2900, 4000, 4600, 6400, 8000, 10000

BAS..... Polycarbonate
LT..... low temperature
None

S.....Small
L.....Large

Luminaire series

AMP R. -

	Closure KST Plastic Clips V2A Metall Clips
	Type of ballast LDO only DALI dimmable
	Luminous colour 830, 840
	Lumen output 3000, 5600
	Dimension Round S Round L
	Luminaire series

Accessories: ABH TRIANGEL 10 SET
 ABH TRIANGEL 50 SET
 FTS 2000 Set
 FTS 500 Set
 HLD TW AMP
 MOUNTING SET AMPHIBIA
 PRIMARY OPTIC AMPHIBIA L NB
 PRIMARY OPTIC AMPHIBIA L WB-AB-MB
 PRIMARY OPTIC AMPHIBIA S WB-AB-MB
 TROMPETENNIPPEL GY VERP SET (50 STK)
 VERSCHR M20x1,5 compl
 DIFFUSER AMPHIBIA L CH MB-NB
 DIFFUSER AMPHIBIA L CH WB-AB
 DIFFUSER AMPHIBIA L PC MB-NB
 DIFFUSER AMPHIBIA L PC WB-AB
 DIFFUSER AMPHIBIA L PM MB-NB
 DIFFUSER AMPHIBIA L PM WB-AB
 DIFFUSER AMPHIBIA S CH MB-NB
 DIFFUSER AMPHIBIA S CH WB-AB
 DIFFUSER AMPHIBIA S PC MB-NB
 DIFFUSER AMPHIBIA S PC WB-AB
 DIFFUSER AMPHIBIA S PM MB
 DIFFUSER AMPHIBIA S PM WB