

OVE AUSTRIAN ELECTROTECHNICAL ASSOCIATION

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OVE - Testing & Certification

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LICENCE

to use the European Mark



Licence No. **251-156**

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The Austrian Electrotechnical Association (ÖVE) 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 the company mentioned below to label the products listed in the Annex with the ENEC-Mark.

Licenceholder: **Zumtobel Lighting GmbH**

Schweizer Str. 30
6851 Dornbirn
Austria

Product: **Fixed general purpose luminaires, Series EQUALINE ... LED**

Basis for this given right is the conformity of the products with the requirements of the relevant European Standards as shown in the test report(s) Ref.-No(s). **TGM-VA EE 35396 ECS 1** 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.

The product satisfies the provisions of the Low Voltage Directive 2006/95/EC.

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 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



<p><i>Hersteller</i> <i>Manufacturer</i></p>	<p>Zumtobel Lighting GmbH Achtzehn-Morgen-Weg 2-4 61250 Usingen Germany</p>
<p><i>Fertigungsstätte(n)</i> <i>Factory location(s)</i></p>	<p>Zumtobel Lighting GmbH Achtzehn-Morgen-Weg 2-4 61250 Usingen Germany</p>
<p><i>Erzeugnis</i> <i>Product</i></p>	<p>Fixed general purpose luminaires</p>
<p><i>Typenbezeichnung</i> <i>Type reference</i></p>	<p>Series EQUALINE ... LED, see page 4/4 of Annex</p>
<p><i>Warenzeichen</i> <i>Trade Mark</i></p>	<p>THORN</p>
<p><i>Prüfbericht</i> <i>Test Report</i></p>	<p>TGM-VA EE 35396 ECS 1</p>
<p><i>Nationale Bestimmung(en)</i> <i>National Standard(s)</i></p>	<p>ÖVE/ÖNORM EN 60598-1:2009-11-01 ÖVE-LI/EN 60598-2-1:1989 ÖVE/ÖNORM EN 62471:2009-05-01</p>
<p><i>Europannorm(en)</i> <i>European Standard(s)</i></p>	<p>EN 60598-1:2008 + A11:2009 EN 60598-2-1:1989 EN 62471:2008 (incl. IEC/TR 62471-2)</p>
<p><i>Ersatz für Zertifikat</i> <i>Superseded licence</i></p>	<p>--</p>
<p><i>Anmerkung(en)</i> <i>Remark(s)</i></p>	<p>LED modules tested according to EN 62471:2008 and found within limits of risk group 0 (exempt group).</p> <p>WMT-procedure</p>

<i>Nennspannung</i> <i>Rated voltage</i>	220-240 V, 50 Hz
<i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	1/2/3x 1600/2400/3200/4800 lm
<i>Lampentyp(en)</i> <i>Lamp identification</i>	LED modules (30 LEDs, max. 9 W each)
<i>Schutzgrad</i> <i>Degree of protection</i>	IP20
<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>	Suspended or ceiling mounted LED luminaire made of aluminium for office use. Stand-alone version or light-band version with trough wiring max 10A.

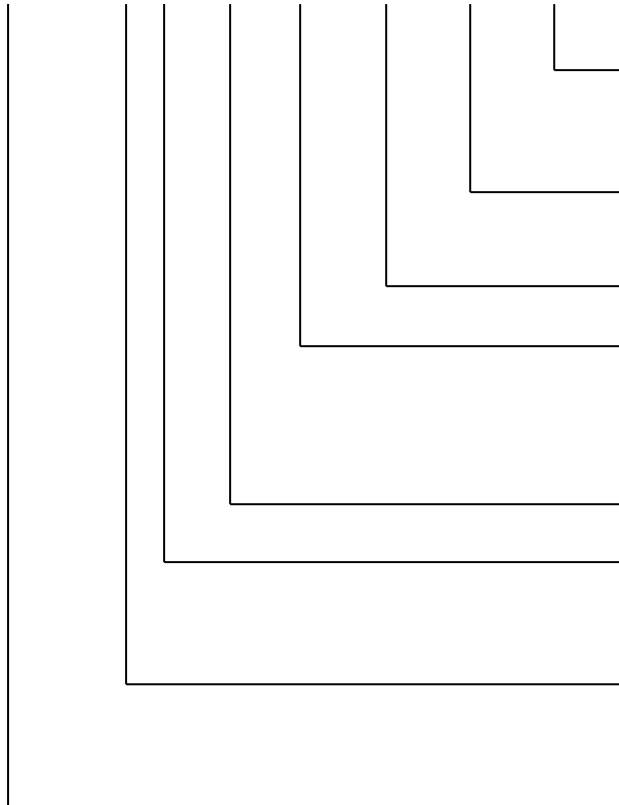
<i>Bauteil</i> <i>Component</i>	<i>Code</i> <i>Code</i>	<i>Hersteller</i> <i>Manufacturer</i>	<i>Typenbezeichnung</i> <i>Type Reference</i>	<i>Konformitätszeichen</i> <i>Mark(s) of conformity</i>
<i>Ballast</i>	B	Tridonic	LCAI ...	ENEC 13
<i>Terminals</i>	A	Tridonic Conn. Technology	SLK5 450V, 24A, T85°C	ENEC 11
<i>Wiring</i>	A	Coroplast	(N) 31YFA 300/500V, T105°C	VDE
	A	Lübke & Driller	LTG LE 5G0,75x2500	VDE
<i>LED module</i>	B	Zumtobel	LEM S30 8,6W-300 840-960 250x20x5 #S2LC	ÖVE

- 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:

EQUALINE . . . LED..... HFI MPT



Mounting

MCE.....Mounted Ceiling
MSWT....Mounted Suspension Wired Techn.

Optic

MPTMicro Prism Technology

High Frequency Intelligent

Lumen output

1600, 2400, 3200, 4800
2/1600, 2/2400, 2/3200, 2/4800
3/1600, 3/2400, 3/3200, 3/4800

Light source

Light distribution

DIdirect & indirect
none

Version

SSystem
none

Series