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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No. **251-141**

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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: **Series CRAFT, see page 4/4 of Annex**

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
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Dipl.-Ing. W. Martin



OVE Testing & Certification

Accredited by the Austrian Ministry of Economy, Family and Youth as Certification Body for products within the scope as given in the official notification and published under www.en.bmwfj.gv.at/accreditation



<i>Hersteller Manufacturer</i>	Zumtobel Lighting GmbH Schweizer Str. 30 6851 Dornbirn Austria
<i>Fertigungsstätte(n) Factory location(s)</i>	Zumtobel Lighting GmbH Schweizer Str. 30 6851 Dornbirn Austria
<i>Typenbezeichnung Type reference</i>	Series CRAFT, see page 4/4 of Annex
* <i>Prüfbericht Test Report</i>	TGM-VA EE 35885 SFT-1 ECS, TGM-VA EE 35885 SFT-2 ECS, MA 39 - VFA 2014-1582.01, TGM-VA EE 34849 SFT, MA 39 - VFA 2013-0677.01
* <i>Europanorm(en) European Standard(s)</i>	EN 60598-1:2015 EN 60598-2-24:2013 EN 60598-2-22:2014
* <i>Ersatz für Zertifikat Superseded licence</i>	251-141 dated 2013 10 09 Items modified are marked with an asterisk (*)
* <i>Anmerkung(en) Remark(s)</i>	<u>Light source classification according to EN 62471:2008:</u> -) for LED modules LEM R80 68W-550 309x39 POK: within limits of RG1 -) for LED modules LEM R80 65W-550 309x39 POK: RG2, within limits of RG1 at a distance > 0,25 m The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 0,25 m is not expected. Classification Z 1 for centrally supplied maintained emergency luminaire according EN 60598-2-22 optional. WMT-procedure

* <i>Nennspannung</i> <i>Rated voltage</i>	AC 220-240 V 50/60 Hz; DC 220-240 V
* <i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	2x or 4x LEM R80...
* <i>Lampentyp(en)</i> <i>Lamp identification</i>	LED modules
* <i>Schutzgrad</i> <i>Degree of protection</i>	IP20 (TECTON version) IP54 (PST version) IP65
* <i>Netzanschluß</i> <i>Supply connection</i>	Screwless terminals, flexible supply connection wiring 5poles
<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>	Ceiling and wall mounted LED-luminaire for industrial use. Case made of diecast aluminium. LED modules fixed on aluminium heat-sink with cooling fins. Available with two different case dimensions (330 and 660mm) and luminous colours 4000K and 6500K. Also available as continuous row system luminaire in conjunction with TECTON track system.
* <i>Zusatzinformation</i> <i>Additional information</i>	▽-Marking for luminaires with limited surface temperature according to EN 60598-2-24 (not for PST- and TECTON-version). Optional also available as centrally supplied maintained emergency luminaire (classification Z 1) according to EN 60598-2-22. ⚡-Marking for luminaires safety to ball throwing according DIN 57710-13/VDE 0710 Teil 13:1981-05 (with optional BWS-cage).

<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>Ballast</i>	B	Philips	Xitanium 150W...	ENEC 05
*	B	Tridonic	LCAI 150W...	ENEC 11
<i>LED modules</i>	B	Zumtobel	LEM R80 65W-550 840...	ÖVE
*	B	Zumtobel	LEM R80 65W-550 765...	ÖVE
	C	Zumtobel	LEM R80 68W-550 840-7400 309x39 POK	Checked within appliance
	C	Zumtobel	LEM R80 68W-550 765-8000 309x39 POK	Checked within appliance
<i>Terminals</i>	A	Electro Terminal	SLK5 5 poles 450V; 24A; T85	ENEC 11
*	A	Wago	222 600V; 20A; 2,5mm²; T105	ENEC 15
<i>Connector</i>	A	3M	Scotchlok UY2 600V; 0,5-1,5mm²; T105°C	UL
<i>Adaptor (only for TECTON type)</i>	A	Zumtobel	4574455 250V; 6A; T115°C	ENEC 14
<i>Wiring</i>	A	LAPP Group	H05Z1Z1-F 5G1,0	VDE
	A	LAPP Group	ÖLFLEX ROBUST 210 300V; 2x0,5mm²; 80°C	VDE
*	A	Leoni	Ecosense S05G-U 300/500V; 0,5mm²; 110°C	BBJ
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:

CRAFT ... LED.....-... L... .. LDO

Colour of luminaire

none

WH.....white

Option

none

PSTpresence detection

Type of ballast

LDO..... dimmable (DALI only)

Type of optics

WBwide beam

NBnarrow beam

Material of optics

PCPolycarbonate

PM.....Polymethylmethacrylat

Length of luminaire

330, 660

Luminous colour

840, 765

Luminous output

10000, 12000, 13000, 20000,
23000, 25000, 26000

Light source

Version

none

FI.....Food Industries

HTHigh temperature

BWS....Ball proof

Series

Accessories:

CRAFT 330 TECTON ADAPTadaptor set for TECTON system

CRAFT 660 TECTON ADAPT.....adaptor set for TECTON system

CRAFT ADbracket set for ceiling mounting

CRAFT AWadjustable bracket for wall mounting

CRAFT ASI2 suspension set

CRAFT ASQ2suspension set

CRAFT ZAK Setsuspension set with chain and carabiner