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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No. **251-195**

Date of issue: Wien, 2018 10 16

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: **Luminaires with limited surface temperatures**

Trade Mark: **THORN**

Series/Type: **FEROZ...**

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



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 Manufacturer</i>	Thorn Lighting Ltd Durhamgate, Spennymoor, County Durham DL16 6HL United Kingdom
<i>Fertigungsstätte(n) Factory location(s)</i>	Neulicht lighting solutions GmbH Schwefelbadstraße 2 6845 Hohenems Austria
<i>Typenbezeichnung Type reference</i>	Series FEROS..., see page 5
<i>Prüfbericht Test Report</i>	TR-251-0085-02 ECS
<i>Nationale Bestimmung(en) National Standard(s)</i>	ÖVE/ÖNORM EN 60598-1:2015-11-01 ÖVE/ÖNORM EN 60598-2-24:2014-05-01
<i>Europannorm(en) European Standard(s)</i>	EN 60598-1:2015 EN 60598-2-24:2013
<i>Ersatz für Zertifikat Superseded licence</i>	--
<i>Anmerkung(en) Remark(s)</i>	CTF Stage 3

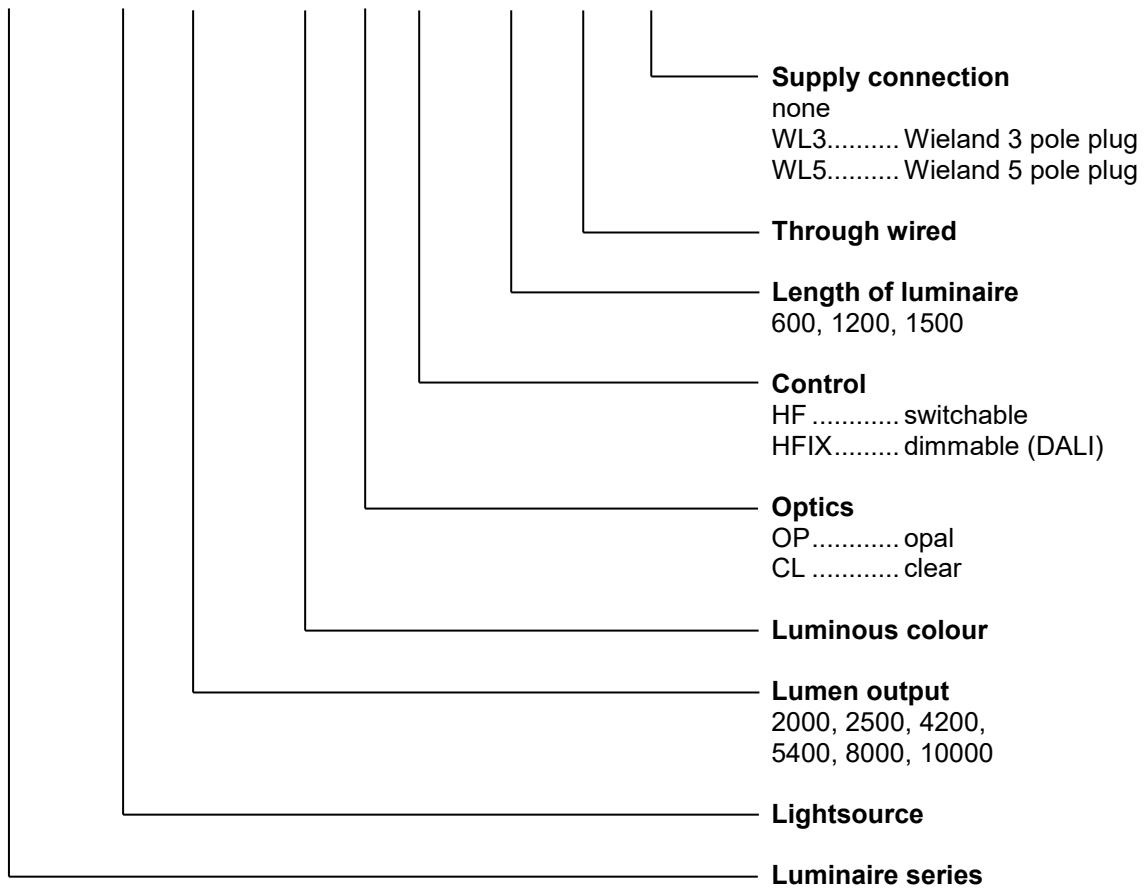
<i>Nennspannung</i> <i>Rated voltage</i>	220-240 V; 50/60 Hz
<i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	2/4/5 x LLE G2...
<i>Lampentyp(en)</i> <i>Lamp identification</i>	LED modules (ILCOS: DSL)
<i>Schutzgrad</i> <i>Degree of protection</i>	IP66
<i>Netzanschluss</i> <i>Supply connection</i>	Connector
<i>Befestigungsfläche</i> <i>Supporting surface</i>	Normally flammable surface
<i>Schutzklasse</i> <i>Class of protection</i>	Cl. II
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	Housing made of extruded aluminium painted black, diffuser made of impact resistant opal UV stabilised polycarbonate. End caps made of polyamide, secured with stainless steel screws. Suitable for use in un-protected outdoor areas. Complete with through wiring and fitted with 5 core cable and Wieland plug.
<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*	Tridonic	LLE G2...	ENEC 11
<i>LED control gear</i>	B	Tridonic	LCAI 100W...	ENEC 11
	B	Tridonic	LCAI 65W...	ENEC 11
	B	Tridonic	LCI 100W...	ENEC 11
	B	Tridonic	LCI 65W...	ENEC 11
	B	Halder / Luxtronic	3 C 180 08 0	ENEC 05
<i>Surge protective device</i>	B	Citel	MLPC2-230LR; 230-277V; Ta=85°C	TÜV Rheinland
<i>Terminals</i>	A	Electro Terminal	SLK3; 450V; 24 A; 0,5-2,5 mm²; T85	ENEC 10
<i>Connector</i>	A	Wieland	RST20i3...; 400V; 20A; 2,5mm²; T100	VDE
<i>Wiring</i>	A	Leoni	H05VV-F; 300/500 V; 3G2,5mm² & 5G2,5mm²; 70°C	BBJ
	A	Helukabel	H05Z-K; 300/500 V; 1,0 mm² ; 90°C	IMQ
	A	Helukabel	H05Z-K; 300/500 V; 2,5 mm² ; 90°C	IMQ
<i>Cable gland</i>	A	Schlemmer	M25; T100	VDE
<i>Cover</i>	C	Lexan	PC; T130	Checked within appliance
<i>End cap</i>	C	Albis	PA6; T120	Checked within appliance

- 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:

FEROZ LED..... - 840 L.... TW ...



Accessories:

- FEROZ UNIVERSAL KIT
- FEROZ CORNER KIT
- FEROZ HORIZ WIRE KIT
- FEROZ TUBE KIT
- FEROZ CHAIN KIT
- FEROZ SUSPENSION KIT