

OVE Austrian Electrotechnical Association
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OVE Testing and Certification
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ENEC Certification Body registered under ID # 11.

Validity of ENEC Licences can be checked at www.enec.com

LICENCE

to use the European Mark



Licence No.: **85175-029**

Date of issue: Wien, 2019 08 23

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: **Thorn Lighting Ltd**
Durhamgate, Spennymoor,
County Durham
DL16 6HL
United Kingdom

Product: **Luminaires with limited surface temperatures**

Trade Mark: **THORN**

Series/Type: **Katona LED**

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 and Certification

Digitally signed by W. Martin
Email=w.martin@ove.at
Dipl.-Ing. W. Martin



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<i>Hersteller</i> <i>Manufacturer</i>	Thorn Lighting Ltd Durhamgate, Spennymoor, County Durham DL16 6HL United Kingdom
<i>Fertigungsstätte(n)</i> <i>Factory location(s)</i>	Thorn Lighting Ltd Durhamgate, Spennymoor, County Durham DL16 6HL United Kingdom
<i>Typenbezeichnung</i> <i>Type reference</i>	KAT RD ... KAT SQ ... KAT RD SE ...
<i>Prüfbericht</i> <i>Test Report</i>	TR-85175-0032-01 ECS
<i>Nationale Bestimmung(en)</i> <i>National Standard(s)</i>	OVE EN 60598-1:2018-11-01 ÖVE/ÖNORM EN 60598-2-24:2014-05-01
<i>Europannorm(en)</i> <i>European Standard(s)</i>	EN 60598-1:2015 + A1:2018 EN 60598-2-24:2013
<i>Ersatz für Zertifikat</i> <i>Superseded licence</i>	--
<i>Anmerkung(en)</i> <i>Remark(s)</i>	CTF Stage 3

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Nennspannung
Rated voltage

AC 220-240V, 50/60Hz

Anzahl und Leistung der Lampen
Rated wattage and number of lamps

**1x CLE G1 267mm 2500lm 8.. ADV .. THO
1x QLE G1 237mm 2500lm 8.. ADV .. THO**

Lampentyp(en)
Lamp identification

LED modules CLE (ILCOS: DSR) and QLE (ILCOS: DSS)

Schutzgrad
Degree of protection

**IP65
IP66 (types KAT RD SE only)**

Netzanschluss
Supply connection

Screwless terminals

Befestigungsfläche
Supporting surface

Normally flammable surface

Schutzklasse
Class of protection

CI.II

Beschreibung des Aufbaus
Description of construction

**Surface mounted LED luminaires in slim square and round shape (IP65).
Round deep body for side entry wiring (IP66).
Body: white polycarbonate.
Diffuser: opal polycarbonate.**

Dimensions:

KAT RD SE ...: Ø328 x 84 mm (round deep body)

KAT RD ...: Ø307 x 58 mm (round)

KAT SQ ...: 277 x 277 x 58 mm (square)

Zusatzinformation
Additional information

Classified within limits of risk group 0 (exempt group) according to EN 62471:2008.

⚠-Marking according EN 60598-2-24.

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<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 control gear</i>	B	Tridonic	LCA 10W 150-400mA one4all C PRE	ENEC 11
	B	Tridonic	LCA 17W 250-700mA one4all C PRE	ENEC 11
	B	Tridonic	LC 10W 250mA fixC C SNC	ENEC 11
	B	Tridonic	LC 20W 350mA fixC C SNC	ENEC 11
	B	Tridonic	LC 20W 500mA fixC C SNC	ENEC 11
<i>LED module</i>	B	Tridonic	CLE G1 267mm 2500lm 8.. ADV .. THO	ENEC 11
	B	Tridonic	QLE G1 237mm 2500lm 8.. ADV .. THO	ENEC 11
<i>Terminals</i>	A	Electro Terminal	SLK3 450V; 24A; T110	ENEC 10
<i>Wiring</i>	A	Leoni	EcoSense S05G-U 1x0,5mm² 300/500V; T110°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 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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Type list:

Type Description	Shape	Wattage [W]	Drive current [mA]	Rated ambient temp. Ta [°C]	IP-Code
KAT RD 1000-8.. ..	round	8,5	250	50°C	IP65
KAT RD 1400-8.. ..		12,0	350	50°C	
KAT RD 2000-8.. ..		16,0	500	35°C	
KAT SQ 1000-8.. ..	square	8,5	250	50°C	IP65
KAT SQ 1400-8.. ..		12,0	350	50°C	
KAT SQ 2000-8.. ..		16,0	500	35°C	
KAT RD SE 900-8.. ..	round deep body	8,5	250	50°C	IP66
KAT RD SE 1200-8.. ..		12,0	350	50°C	
KAT RD SE 1800-8.. ..		16,0	500	35°C	

LED colour (-8..): 830..... Ra80, 3000K
840..... Ra80, 4000K

Options:

- HF Electronic control gear
- HFLF Electronic control gear, Low Flicker
- HFI Dimming driver (LDO)
- COR Corridor Function (100%-10%) - wired slave
- COZ Corridor Function (100%-10%-0%) - wired slave

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