OVE Austrian Electrotechnical Association

Eschenbachgasse 9 | 1010 Wien | Austria ZVR: 327279890 | www.ove.at

OVE Testing and Certification

Kahlenberger Str. 2A | 1190 Wien | Austria T +43 1 370 58 06 | puz@ove.at

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

OVE

OVE Testing and 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.





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Hersteller Manufacturer Thorn Lighting Ltd

Durhamgate, Spennymoor,

County Durham DL16 6HL

United Kingdom

Fertigungsstätte(n) Factory location(s) Thorn Lighting Ltd

Durhamgate, Spennymoor,

County Durham DL16 6HL

United Kingdom

Typenbezeichnung Type reference KAT RD ... KAT SQ ... KAT RD SE ...

Prüfbericht Test Report TR-85175-0032-01 ECS

Nationale Bestimmung(en)

OVE EN 60598-1:2018-11-01

National Standard(s)

ÖVE/ÖNORM EN 60598-2-24:2014-05-01

Europanorm(en)
European Standard(s)

EN 60598-1:2015 + A1:2018

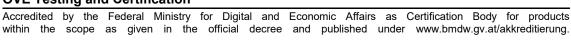
EN 60598-2-24:2013

Ersatz für Zertifikat Superseded licence

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Anmerkung(en) Remark(s) CTF Stage 3









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Nennspannung AC 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

IP65

Degree of protection

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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Bauteil Component	Code Code	Hersteller Manufacturer	Typenbezeichnung Type Reference	Konformitätszeichen Mark(s) of conformity
LED control gear	B B B B	Tridonic Tridonic Tridonic Tridonic Tridonic	LCA 10W 150-400mA one4all C PRE LCA 17W 250-700mA one4all C PRE LC 10W 250mA fixC C SNC LC 20W 350mA fixC C SNC LC 20W 500mA fixC C SNC	ENEC 11 ENEC 11 ENEC 11 ENEC 11
LED module	B B	Tridonic Tridonic	CLE G1 267mm 2500lm 8 ADV THO QLE G1 237mm 2500lm 8 ADV THO	ENEC 11 ENEC 11
Terminals	A	Electro Terminal	SLK3 450V; 24A; T110	ENEC 10
Wiring	A	Leoni	EcoSense S05G-U 1x0,5mm² 300/500V; T110°C	ВВЈ

- 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		8,5	250	50°C	
KAT RD 1400-8	round	12,0	350	50°C	IP65
KAT RD 2000-8		16,0	500	35°C	
KAT SQ 1000-8		8,5	250	50°C	
KAT SQ 1400-8	square	12,0	350	50°C	IP65
KAT SQ 2000-8]	16,0	500	35°C	
KAT RD SE 900-8		8,5	250	50°C	
KAT RD SE 1200-8	round deep body	12,0	350	50°C	IP66
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



