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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. **85175-007**

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

Product: **Recessed luminaire**

Trade Mark: **THORN**

Series/Type: **Omega 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 & 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.wg.at/accreditation



<p><i>Hersteller</i> <i>Manufacturer</i></p>	<p>Thorn Lighting Ltd Durhamgate, Spennymoor, County Durham DL16 6HL United Kingdom</p>
<p><i>Fertigungsstätte(n)</i> <i>Factory location(s)</i></p>	<p>Thorn Lighting Ltd Durhamgate, Spennymoor, County Durham DL16 6HL United Kingdom</p>
<p><i>Typenbezeichnung</i> <i>Type reference</i></p>	<p>OMEGA LED, see page 5 of Annex</p>
<p><i>Prüfbericht</i> <i>Test Report</i></p>	<p>TR 85175-0025-01 ECS</p>
<p><i>Nationale Bestimmung(en)</i> <i>National Standard(s)</i></p>	<p>ÖVE/ÖNORM EN 60598-1:2015-11-01 ÖVE/ÖNORM EN 60598-2-2:2012-11-01</p>
<p><i>Europannorm(en)</i> <i>European Standard(s)</i></p>	<p>EN 60598-1:2015 EN 60598-2-2:2012</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Superseded licence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>SMT-procedure</p>

<i>Nennspannung</i> <i>Rated voltage</i>	AC 220-240 V, 50-60 Hz
<i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	LED module max. 900mA (nominal 37,8W at 900mA)
<i>Lampentyp(en)</i> <i>Lamp identification</i>	LED module LLE G2 10x590mm 2x2660lm ... ADV THO
<i>Schutzgrad</i> <i>Degree of protection</i>	IP20/IP44
<i>Netzanschluß</i> <i>Supply connection</i>	Terminals of external control gear
<i>Befestigungsfläche</i> <i>Supporting surface</i>	Normally flammable surface. Not suitable for covering with thermally insulating material.
<i>Schutzklasse</i> <i>Class of protection</i>	CI.II
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	Ceiling recessed LED luminaires with a slim profile, fixed output and dimmable drivers. Construction comprises of 2 sizes: 597mm x 597mm & 622mm x 622mm, body depth 12mm.
<i>Zusatzinformation</i> <i>Additional information</i>	Classified within limits of risk group 0 (exempt group) according 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>	B	Tridonic	LLE G2 10x590mm 2x2660lm 830 ADV THO	ENEC 11
	B	Tridonic	LLE G2 10x590mm 2x2660lm 840 ADV THO	ENEC 11
<i>LED control gear</i>	B	Tridonic	LCI 35W 700mA TEC SR	ENEC 11
	B	Tridonic	LCI 42W 900mA TEC SR	ENEC 11
	B	Tridonic	LC 45W 500-1400mA flex C SR EXC	ENEC 11
	B	Tridonic	LC 42W 900mA TEC SR	ENEC 11
	B	Tridonic	LC 55W 900-1750mA ECO SR	ENEC 11
	B	Tridonic	LCI 35W 350-900mA ECO SR	ENEC 11
	B	Tridonic	LCI 35W 350-900mA TOP SR	ENEC 11
<i>External wiring</i>	C	Goldwing	FG4/2 300/500V; 180°C; 0,75mm²	Checked within appliance

- 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.

Typelist:

Omega LED	
Type Description	Circuit type
OMEGA LED 3250-830 HF Q597	Fixed output
OMEGA LED 3250-830 HF Q622	Fixed output
OMEGA LED 3250-840 HF Q597	Fixed output
OMEGA LED 3250-840 HF Q622	Fixed output
OMEGA LED 3900-830 HF Q597	Fixed output
OMEGA LED 3900-830 HF Q622	Fixed output
OMEGA LED 3900-840 HF Q597	Fixed output
OMEGA LED 3900-840 HF Q622	Fixed output
OMEGA LED 3250-830 HFIX Q597	Dimmable
OMEGA LED 3250-830 HFIX Q622	Dimmable
OMEGA LED 3250-830 R2M Q597	Dimmable
OMEGA LED 3250-830 R2M Q622	Dimmable
OMEGA LED 3250-840 HFIX Q597	Dimmable
OMEGA LED 3250-840 HFIX Q622	Dimmable
OMEGA LED 3250-840 R2M Q597	Dimmable
OMEGA LED 3250-840 R2M Q622	Dimmable
OMEGA LED 3900-830 HFIX Q597	Dimmable
OMEGA LED 3900-830 HFIX Q625	Dimmable
OMEGA LED 3900-830 R2M Q597	Dimmable
OMEGA LED 3900-830 R2M Q622	Dimmable
OMEGA LED 3900-840 HFIX Q597	Dimmable
OMEGA LED 3900-840 HFIX Q625	Dimmable
OMEGA LED 3900-840 R2M Q597	Dimmable
OMEGA LED 3900-840 R2M Q622	Dimmable

Variations of OMEGA LED xxxx-yyy ...:

Drive current (xxxx): 3250 ... 700mA
3900 ... 900mA

LED colour (yyy): 830 Ra80, 3000K
840 Ra80, 4000K

HFFixed output driver
HFIX.....Dimming driver with DALI control
R2MReady2Mains (requires Gateway circuit)

Q597600x600 frame
Q622625x625 frame