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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. **85175-026**

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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 Pro 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 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.



<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 PRO LED ... , see page 5.</p>
<p><i>Prüfbericht</i> <i>Test Report</i></p>	<p>TR 85175-0026-01 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Superseded licence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>CTF Stage 3</p>

<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>	2x LED module LLE G2 10x590mm 2x2660lm ... ADV THO
<i>Lampentyp(en)</i> <i>Lamp identification</i>	LED module (ILCOS:DSL)
<i>Schutzgrad</i> <i>Degree of protection</i>	IP20 (above ceiling parts) / IP40 (below ceiling parts)
<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 in two sizes: 597mm x 597mm x 12mm and 622mm x 622mm x 12mm. The LED boards are fitted to the frame edge on opposing two sides with the LED's facing into an optic panel. The light distribution is converted from the Edgelit through the optic laser etched panel.
<i>Zusatzinformation</i> <i>Additional information</i>	Classified within limits of risk group 1 (low risk) according EN 62471:2008.



<i>Bauteil</i> <i>Component</i>	<i>Code</i>	<i>Hersteller</i> <i>Code 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	LC 32W 650mA fixC SR SNC	ENEC 11
	B	Tridonic	LC 35W 700/800/1050mA flexC SR ADV	ENEC 11
	B	Tridonic	LCA 45W 500-1400mA one4all SR PRE	ENEC 11
<i>LED module</i>	B	Tridonic	LLE G2 10x590mm 2660lm 840 ADV-THO	ENEC 11
	B	Tridonic	LLE G2 10x590mm 2660lm 830 ADV-THO	ENEC 11
<i>Wiring</i>	C	Salcavi	LSOH UZ 10Z-105	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:

Type Description	Circuit type
OMEGA PRO LED 3400-840 HF Q597 MRM	Fixed output
OMEGA PRO LED 3400-840 HF Q597	Fixed output
OMEGA PRO LED 3400-830 HFIX Q597 MRM	Dimmable
OMEGA PRO LED 3400-840 HFIX Q597	Dimmable
OMEGA PRO LED 4200-830 HF Q597	Fixed output
OMEGA PRO LED 4200-840 HF Q597 MRM	Fixed output
OMEGA PRO LED 4200-830 HF Q622	Fixed output
OMEGA PRO LED 4200-830 HF Q622 MRM	Fixed output
OMEGA PRO LED 4200-840 HF Q597	Fixed output
OMEGA PRO LED 4200-840 HF Q597 MRM	Fixed output
OMEGA PRO LED 4200-840 HF Q622	Fixed output
OMEGA PRO LED 4200-840 HF Q622 MRM	Fixed output
OMEGA PRO LED 4200-830 HFIX Q597	Dimmable
OMEGA PRO LED 4200-830 HFIX Q597 MRM	Dimmable
OMEGA PRO LED 4200-830 HFIX Q622	Dimmable
OMEGA PRO LED 4200-830 HFIX Q622 MRM	Dimmable
OMEGA PRO LED 4200-840 HFIX Q597	Dimmable
OMEGA PRO LED 4200-840 HFIX Q597 MRM	Dimmable
OMEGA PRO LED 4200-840 HFIX Q622	Dimmable
OMEGA PRO LED 4200-840 HFIX Q622 MRM	Dimmable

Variations of OMEGA PRO LED xxxx-yyy ...:

Drive current (xxxx): 3400 ... 600mA or 650mA
4200 ... 750mA or 800mA

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

HFFixed output driver
HFIX.....Dimming driver with DALI control
MRMPre assembled bracket

Q597597mm x 597mm x 12mm
Q622622mm x 622mm x 12mm