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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](http://www.enec.com)

# LICENCE

to use the European Mark



Licence No.: **85175-033**

Date of issue: Wien, 2021 03 30

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 2**

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 Testing and Certification**

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<i>Hersteller Manufacturer</i>	<b>Thorn Lighting Ltd Durhamgate, Spennymoor, County Durham DL16 6HL United Kingdom</b>
<i>Fertigungsstätte(n) Factory location(s)</i>	<b>Thorn Lighting Ltd Durhamgate, Spennymoor, County Durham DL16 6HL United Kingdom</b>
<i>Typenbezeichnung Type reference</i>	<b>OP2 3000-... OP2 3800-... OP2 4400-... see type code on page 5.</b>
<i>Prüfbericht Test Report</i>	<b>TR 85175-0035-01 ECS</b>
<i>Nationale Bestimmung(en) National Standard(s)</i>	<b>OVE EN 60598-1:2018-11-01 ÖVE/ÖNORM EN 60598-2-2:2012-11-01</b>
<i>Europannorm(en) European Standard(s)</i>	<b>EN 60598-1:2015 + A1:2018 EN 60598-2-2:2012</b>
<i>Ersatz für Zertifikat Superseded licence</i>	--
<i>Anmerkung(en) Remark(s)</i>	<b>CTF Stage 3</b>

## OVE Testing and Certification

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<i>Nennspannung</i> <i>Rated voltage</i>	<b>220-240 V, 50/60 Hz</b>
<i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	<b>2x LEM S64 or 2x LEM S96</b>
<i>Lampentyp(en)</i> <i>Lamp identification</i>	<b>LED modules LEM S64 (64 LEDs) or LEM S96 (96 LEDs) at max. 700 mA</b>
<i>Schutzgrad</i> <i>Degree of protection</i>	<b>IP20/IP40</b>
<i>Netzanschluss</i> <i>Supply connection</i>	<b>Screwless terminals, or pre-wired with connector</b>
<i>Befestigungsfläche</i> <i>Supporting surface</i>	<b>Normally flammable surface. Not suitable for covering with thermally insulating material.</b>
<i>Schutzklasse</i> <i>Class of protection</i>	<b>CI.II</b>
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	<b>Recessed, edge-lit LED luminaires. LED driver with fixed output or dimmable (DALI, BM-Link or Bluetooth). Also with presence detector and daylight harvesting function for dimming control via DALI. IP40 from below the ceiling, IP20 for recessed part (above the ceiling). Body made of sheet steel finished white, diffuser made of UV-stabilised polycarbonate opal, microprismatic or hexagonal comfort optics for maximised spacing with central control pod hole.</b>
<i>Zusatzinformation</i> <i>Additional information</i>	<b>Classified within risk group 1 (low risk) according to EN 62471:2008.</b>

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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 module</i>	<b>A*</b>	<b>Zumtobel</b>	<b>LEM S64 23W-960 ... 10x597</b>	<b>ÖVE</b>
	<b>A*</b>	<b>Zumtobel</b>	<b>LEM S96 34.8W-1440 ... 10x597</b>	<b>ÖVE</b>
<i>LED driver</i>	<b>B</b>	<b>Tridonic</b>	<b>LC 25W 350-1050mA flexC SR EXC</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Tridonic</b>	<b>LC 45W 500-1400mA flexC SR EXC</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Tridonic</b>	<b>LC 42W 700/900/1050mA flex C SR ADV</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Tridonic</b>	<b>LC 38W 500-700mA flex C Ip ADV</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Tridonic</b>	<b>LCA 35W 150-700mA one4all Ip PRE</b>	<b>ENEC 11</b>
<i>Terminals</i>	<b>B</b>	<b>TE</b> <b>Connectivity</b>	<b>LIGHT-N-LOK</b>	<b>CB_HU-002073</b>
	<b>B</b>	<b>Electro-</b> <b>Terminal</b>	<b>3P SLK/3</b> <b>450V; 24A; T85</b>	<b>ENEC 10</b>
	<b>B</b>	<b>Electro-</b> <b>Terminal</b>	<b>4P SLK/3</b> <b>450V; 24A; T85</b>	<b>ENEC 10</b>
	<b>B</b>	<b>Electro-</b> <b>Terminal</b>	<b>LBK 1/7 FEEDER, LBK 1/7 ST</b> <b>400V; 10A; T85</b>	<b>ÖVE</b>
<i>Connector</i>	<b>B</b>	<b>Wieland</b>	<b>GST18i6S</b>	<b>VDE</b>
	<b>B</b>	<b>WAGO</b>	<b>770-1115</b>	<b>VDE</b>
	<b>B</b>	<b>Wieland</b>	<b>GST18i4S</b>	<b>VDE</b>
<i>Internal cable</i>	<b>A</b>	<b>Leoni</b>	<b>CW S05G-U 1X0.5 WH #HGF</b> <b>300V; 110°C</b>	<b>BBJ</b>
	<b>C</b>	<b>Salcavi</b>	<b>LSOH 2X 0.50mm 105°C SOLID</b> <b>300V; 105°C</b>	<b>Checked within</b> <b>appliance</b>
<i>External cable</i>	<b>A</b>	<b>Salcavi</b>	<b>H05Z1Z1-F 1,0 mm<sup>2</sup></b>	<b>IMQ</b>
<i>Control Module</i> <i>+ Sensor</i>	<b>B</b>	<b>Hytronik</b>	<b>HC009S</b>	<b>SEMKO</b>
	<b>B</b>	<b>Tridonic</b>	<b>BASICDIM ILD 5DPI 14f + BASICDIM</b> <b>ILD 5DPI 14f Sensor</b>	<b>ENEC 11</b>
	<b>B</b>	<b>Tridonic</b>	<b>MSensor G3 SFI 30 PIR 5DPI WH</b>	<b>ENEC 11</b>
<i>SELV Power</i> <i>Supply</i>	<b>B</b>	<b>Tridonic</b>	<b>basicDIM IPS</b>	<b>ENEC 11</b>
<i>Control Module</i>	<b>B</b>	<b>Zumtobel</b>	<b>bmLINK Receiver</b>	<b>ENEC 11</b>
<p><b>A</b> The component is replaceable with another one, also certified, with equivalent characteristics.  <b>A*</b> The component is replaceable with another one according to ETF5-OSM-LUM/DSH 2057  <b>B</b> The component is replaceable if authorised by the test house.  <b>C</b> Integrated component tested together with the appliance.  <b>D</b> Alternative component.</p>				

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