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ENEC Certification Body registered under ID # 11.

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# LICENCE

to use the European Mark



Licence No. **80585-005**

Date of issue: Wien, 2016 09 22

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**  
Route de Paix  
27705 Les Andelys  
France

Product: **Luminaire for road and street lighting**

Trade Mark: **THORN**

Series/Type: **CivITEQ Large**

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.

**Austrian Electrotechnical Association**  
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.gv.at/accreditation](http://www.en.bmwf.gv.at/accreditation)



<p><i>Hersteller</i> <i>Manufacturer</i></p> <p><i>Fertigungsstätte(n)</i> <i>Factory location(s)</i></p>	<p><b>THORN</b> <b>Route de Paix</b> <b>27705 Les Andelys</b> <b>France</b></p> <p><b>Thorn Lighting Ltd</b> <b>Durhamgate,</b> <b>DL16 6HL, Spennymoor, County Durham</b> <b>United Kingdom</b></p>
<p><i>Typenbezeichnung</i> <i>Type reference</i></p>	<p><b>CQ48L...CL1...</b> <b>CQ60L...CL1...</b> <b>CQ72L...CL1..., see typecode on page 4/4 of Annex</b></p>
<p><i>Prüfbericht</i> <i>Test Report</i></p> <p><i>Nationale Bestimmung(en)</i> <i>National Standard(s)</i></p> <p><i>Europannorm(en)</i> <i>European Standard(s)</i></p>	<p><b>TR 80585-0002-01 ECS</b></p> <p><b>ÖVE/ÖNORM EN 60598-1:2015-11-01</b> <b>ÖVE/ÖNORM EN 60598-2-3:2012-01-01</b></p> <p><b>EN 60598-1:2015</b> <b>EN 60598-2-3:2003 + A1:2011</b></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><b>Classified as risk group 2 (moderate risk) according EN 62471:2008.</b> <b>The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 1,5 m is not expected.</b></p> <p><b>SMT-procedure</b></p>

<i>Nennspannung</i> <i>Rated voltage</i>	<b>220-240V, 50-60Hz</b>
<i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	<b>CQ48L: 4x LED module with 12 LEDs CQ60L: 1x LED module with 36 LEDs + 2x LED module with 12 LEDs CQ72L: 2x LED module with 36 LEDs</b>
<i>Lampentyp(en)</i> <i>Lamp identification</i>	<b>LED modules RLE49 (12 LEDs) or RLE149 (36 LEDs)</b>
<i>Schutzgrad</i> <i>Degree of protection</i>	<b>IP66</b>
<i>Netzanschluß</i> <i>Supply connection</i>	<b>Screwless terminals</b>
<i>Befestigungsfläche</i> <i>Supporting surface</i>	<b>Normally flammable surface</b>
<i>Schutzklasse</i> <i>Class of protection</i>	<b>CI.I</b>
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	<b>Large size LED road lighting lantern with 48 to 72 LEDs with several optic. Housing made of die-cast Aluminium. Enclosure with toughened flat glass (fracture in small pieces). Supplied with Ø60mm spigot adaptor which can be fitted for post-top (0°/5°/10° tilt) or side-entry (-20°/-15°/-10°/-5°/0° tilt).</b>
<i>Zusatzinformation</i> <i>Additional information</i>	<b>Certified for LED modules driven at max. 700mA.</b>

<i>Bauteil Component</i>	<i>Code Code</i>	<i>Hersteller Manufacturer</i>	<i>Typenbezeichnung Type Reference</i>	<i>Konformitätszeichen Mark(s) of conformity</i>
LED Module	<b>B</b>	<b>THORN</b>	<b>STARK RLE49</b>	<b>ÖVE</b>
	<b>B</b>	<b>THORN</b>	<b>STARK RLE149</b>	<b>ÖVE</b>
<i>LED control gear</i>	<b>B</b>	<b>Osram</b>	<b>OT 90W 4DIM</b>	<b>ENEC 10</b>
	<b>B</b>	<b>Osram</b>	<b>OT 165W 4DIM</b>	<b>ENEC 10</b>
<i>Terminals</i>	<b>A</b>	<b>Electro Terminal</b>	<b>SLK/3; 450V, 24A, T110</b>	<b>ENEC 10</b>
<i>Terminals</i>	<b>A</b>	<b>Adels</b>	<b>1000K; 500V, 41A, T85</b>	<b>ENEC 10</b>
<i>Internal wiring</i>	<b>A</b>	<b>Draka</b>	<b>FQ 105C; 300/500V, 105°C</b>	<b>SEMKO</b>
	<b>A</b>	<b>Omerin</b>	<b>H05SJ-K</b>	<b>HAR</b>
	<b>B</b>	<b>Omerin</b>	<b>RECSC; 300/300V, 180°C</b>	<b>VDE</b>
<i>External wiring</i>	<b>A</b>	<b>Several</b>	<b>H07RN-F</b>	<b>HAR</b>
<i>Power switch</i>	<b>A</b>	<b>OMT</b>	<b>0125; 250V, 10A, T120</b>	<b>IMQ</b>
	<b>A</b>	<b>OMT</b>	<b>0127; 250V, 16A, T120</b>	<b>IMQ</b>
<i>Fuse holder</i>	<b>A</b>	<b>Stucchi</b>	<b>682/A; 250V, 6,3A, T70</b>	<b>IMQ</b>
<i>Cable gland</i>	<b>A</b>	<b>Bimed</b>	<b>BM22-L / BLMN-22; PA-6, IP68, 100°C</b>	<b>VDE</b>

- 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.

Typecode:

