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ENEC Certification Body registered under ID # 11.

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# LICENCE

to use the European Mark



Licence No. **80585-001**

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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**  
Route de Paix  
27705 Les Andelys  
France

Product: **Sport - Floodlights**

Trade Mark: **THORN**

Series/Type: **ALTIS CI.I**

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  
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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)



<i>Hersteller</i> <i>Manufacturer</i>	<b>THORN</b> <b>Route de Paix</b> <b>27705 Les Andelys</b> <b>France</b>
<i>Fertigungsstätte(n)</i> <i>Factory location(s)</i>	<b>THORN</b> <b>Route de Paix</b> <b>27705 Les Andelys</b> <b>France</b>
<i>Typenbezeichnung</i> <i>Type reference</i>	<b>Series ALTIS CI.I</b> <b>See page 4/4 of Annex</b>
<i>Prüfbericht</i> <i>Test Report</i>	<b>TGM-VA EE 35945 ECS</b>
<i>Europannorm(en)</i> <i>European Standard(s)</i>	<b>EN 60598-1:2015</b> <b>EN 60598-2-5:1998</b>
<i>Ersatz für Zertifikat</i> <i>Superseded licence</i>	--
<i>Anmerkung(en)</i> <i>Remark(s)</i>	--

<i>Nennspannung</i> <i>Rated voltage</i>	<b>AC 230/240 V 50 Hz 1000 W; AC 380/400/415 V 50 Hz 2000W</b>
<i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	<b>1 x 1000/2000 W</b>
<i>Lampentyp(en)</i> <i>Lamp identification</i>	<b>High pressure discharge lamps (metal halide) MHN-1000-230V MHN-2000-400V</b>
<i>Schutzgrad</i> <i>Degree of protection</i>	<b>IP 66, IK 09</b>
<i>Netzanschluß</i> <i>Supply connection</i>	<b>Screw 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>Floodlight-luminaires. Optical block housing made of aluminium with glass, ignitor and disconnecter.</b>
<i>Zusatzinformation</i> <i>Additional information</i>	<b>--</b>

<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>Ignitor</i>	<b>B</b>	<b>BAG electronics</b>	<b>400 NI 2000</b>	<b>ENEC 10</b>
	<b>B</b>	<b>Tridonic</b>	<b>ZRM 12-ES/C</b>	<b>ENEC 11</b>
<i>Disconnectors</i>	<b>B</b>	<b>A.A.G. Stucchi SRL Unico Socio</b>	<b>648, 647</b>	<b>IMQ</b>
<i>Gland</i>	<b>A</b>	<b>BIMED</b>	<b>BM22-L, BLMN-22 IP68; 100°C</b>	<b>VDE</b>
<i>Terminals</i>	<b>A</b>	<b>Electro terminal</b>	<b>EKL 3EF 450V; 1,5-2,5mm<sup>2</sup></b>	<b>ÖVE</b>
<i>Lampholder</i>	<b>C</b>	<b>THORN</b>	<b>Lamp Holder 500V; 12A</b>	<b>Tested with appliance</b>
<i>Wiring</i>	<b>C</b>	<b>Omerin</b>	<b>H05SJ-K 300/500V; 1,5-2,5mm<sup>2</sup>; 180°C</b>	<b>Tested with appliance</b>
	<b>C</b>	<b>Omerin</b>	<b>SILISOLE CTSE 3000 500V; 1,5-4,0mm<sup>2</sup>; 350°C</b>	<b>Tested with appliance</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.

Type list

<i>Standard Lamp – Cl. I</i>	
<i>Code</i>	<i>Description – 1000 W</i>
96263364	ALTIS 1KW R1 HQITS-S CL1 WI
96263365	ALTIS 1KW R2 HQITS-S CL1 WI
96263366	ALTIS 1KW R3 HQITS-S CL1 WI
96263367	ALTIS 1KW R4 HQITS-S CL1 WI
96263368	ALTIS 1KW R5 HQITS-S CL1 WI
96263369	ALTIS 1KW R6 HQITS-S CL1 WI
<i>Standard Lamp – Cl. I</i>	
<i>Code</i>	<i>Description – 2000 W</i>
96263370	ALTIS 2KW R1 HQITS-S CL1 WI
96263371	ALTIS 2KW R2 HQITS-S CL1 WI
96263372	ALTIS 2KW R3 HQITS-S CL1 WI
96263373	ALTIS 2KW R4 HQITS-S CL1 WI
96263374	ALTIS 2KW R5 HQITS-S CL1 WI
96263375	ALTIS 2KW R6 HQITS-S CL1 WI
<i>High Flux Lamp – Cl. I</i>	
<i>Code</i>	<i>Description – 2000 W</i>
96263376	ALTIS 2KW R1 HQTSS-HF/MHNSB-HO CL1 WI
96263377	ALTIS 2KW R2 HQTSS-HF/MHNSB-HO CL1 WI
96263378	ALTIS 2KW R3 HQTSS-HF/MHNSB-HO CL1 WI
96263379	ALTIS 2KW R4 HQTSS-HF/MHNSB-HO CL1 WI
96263380	ALTIS 2KW R5 HQTSS-HF/MHNSB-HO CL1 WI
96263381	ALTIS 2KW R6 HQTSS-HF/MHNSB-HO CL1 WI