

OVE Austrian Electrotechnical Association
Eschenbachgasse 9 | 1010 Wien | Austria
ZVR: 327279890 | www.ove.at



OVE Certification
Kahlenberger Str. 2A | 1190 Wien | Austria
T +43 1 370 58 06 | certification@ove.at

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.: **80585-013**

Date of issue: Wien, 2017 06 29
Rev. No.: 01 Wien, 2024 04 23

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

Licensee: **ZG Lighting France**
Route de Paix
27705 Les Andelys
France

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

Trade Mark: **THORN**

Series/Type: **Urba Deco CL1**

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 OVE Certification

T. Neumayer

Digitally signed by T. Neumayer
Email=t.neumayer@ove.at

Dipl.-Ing. T. Neumayer



OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.



* <i>Hersteller</i> <i>Manufacturer</i>	Thorn Lighting Ltd Durhamgate, Spennymoor, County Durham DL16 6HL United Kingdom
* <i>Fertigungsstätte(n)</i> <i>Factory location(s)</i>	ZG Europhane Route de Paix 27700 Les Andelys France
* <i>Typenbezeichnung</i> <i>Type reference</i>	UD 24L...CL1... UD 48L...CL1..., see page 5.
* <i>Prüfbericht</i> <i>Test Report</i>	TR 80585-0034-01 ECS
* <i>Nationale Bestimmung(en)</i> <i>National Standard(s)</i>	OVE EN IEC 60598-1:2022-04-01 OVE EN IEC 60598-1/A11:2023-02-01 ÖVE/ÖNORM EN 60598-2-3:2012-01-01
* <i>Europannorm(en)</i> <i>European Standard(s)</i>	EN IEC 60598-1:2021 EN IEC 60598-1:2021/A11:2022 EN 60598-2-3:2003 + A1:2011
* <i>Ersatz für Zertifikat</i> <i>Superseded licence</i>	80585-013 dated 2017 06 29 Items modified are marked with an asterisk (*)
* <i>Anmerkung(en)</i> <i>Remark(s)</i>	--

OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.

<i>Nennspannung</i> <i>Rated voltage</i>	230-240 V, 50-60 Hz
* <i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	UD 24L: 2x LED module LEM R12 (24 LEDs) UD 48L: 4x LED module LEM R12 (48 LEDs)
<i>Lampentyp(en)</i> <i>Lamp identification</i>	LED module LEM R12 (12 LEDs)
<i>Schutzgrad</i> <i>Degree of protection</i>	IP66
<i>Netzanschluss</i> <i>Supply connection</i>	Screw terminals
<i>Befestigungsfläche</i> <i>Supporting surface</i>	Normally flammable surface
<i>Schutzklasse</i> <i>Class of protection</i>	CI.I
* <i>Umgebungstemperatur ta</i> <i>Rated ambient temperature ta</i>	35°C (for types UD 24L..) 25°C or 35°C (for types UD 48L..)
* <i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	Architectural, urban lantern with 24 or 48 LEDs with several optics. Canopy and base: Die-cast aluminium textured black. Enclosure: Flat glass (fracture in small pieces). Available in 3 different variants for mounting: - Post-top (pre-wired for mounting on Ø60mm or Ø76mm columns). - Suspended mounted - Catenary mounted
* <i>Zusatzinformation</i> <i>Additional information</i>	Classified as risk group 2 (moderate risk) according to EN 62471:2008. The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 1,5 m is not expected.

OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.

<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 control</i>	B	Tridonic	LCO 40/200-1050/64 NF C ADV3	ENEC 11
* <i>gear</i>	B	Tridonic	LCO 40/200-1050/64 o4a EXC3	ENEC 11
*	B	Tridonic	LCO 40/200-1050/64 pD+ NF C PRE3	ENEC 11
*	B	Tridonic	LCO 60/200-1050/100 NF C ADV3	ENEC 11
*	B	Tridonic	LCO 60/200-1050/100 o4a NF C EXC3	ENEC 11
*	B	Tridonic	LCO 60/200-1050/100 pD+ NF C PRE3	ENEC 11
*	B	Tridonic	LCO 90/200-1050/165 NF C ADV3	ENEC 11
*	B	Tridonic	LCO 90/200-1050/165 o4a NF C EXC3	ENEC 11
*	B	Tridonic	LCO 90/200-1050/165 pD+ NF C PRE3	ENEC 11
* <i>Base</i>	B	Tyco	2213858-1 250V; 5A	CB US-34131-M1-UL
* <i>LED module</i>	A*	THORN	LEM R12 37W max. 1050mA; tc=105°C; RG2	ÖVE
* <i>Terminals</i>	A	Electro Terminal	SLK/3 450V, 24A, T85	ENEC 11
<i>Connector</i> <i>(COC)</i>	A	Adels-Contact	163 ST/5 400V; 16A; 2,5mm²; 110°C	VDE
	A	Adels-Contact	163 ST/3 250V; 16A; 2,5mm²; 110°C	VDE
	A	Adels-Contact	160 BU/5s 400V; 16A; 2,5mm²; 110°C	VDE
	A	Adels-Contact	160 BU/3s 250V; 16A; 2,5mm²; 110°C	VDE
* <i>Internal wiring</i>	B	BLF	SiHSil U 0,75mm²; 180°C; 300V	VDE
*	B	Omerin	RECSC 0,75mm²; 180°C; 300V	VDE
*	B	BLF	SIL100 0,75mm²; 180°C; 300V	VDE
*	B	BLF	UG4G4 0,75mm²; 180°C; 450/750V	IMQ
*	A	Omerin	H05SJ-K 1,5mm²; 180°C; 500V	LCIE
* <i>External wiring</i>	A	Nexan	H07RN-F	HAR
* <i>Cable gland</i>	A	Bimed	BM22 PA-6, IP68, 100°C	VDE

A The component is replaceable with another one, also certified, with equivalent characteristics.
A* The component is replaceable with another one according to ETF5-OSM-LUM/DSH 2057
B The component is replaceable if authorised by the test house.
C Integrated component tested together with the appliance.
D Alternative component.

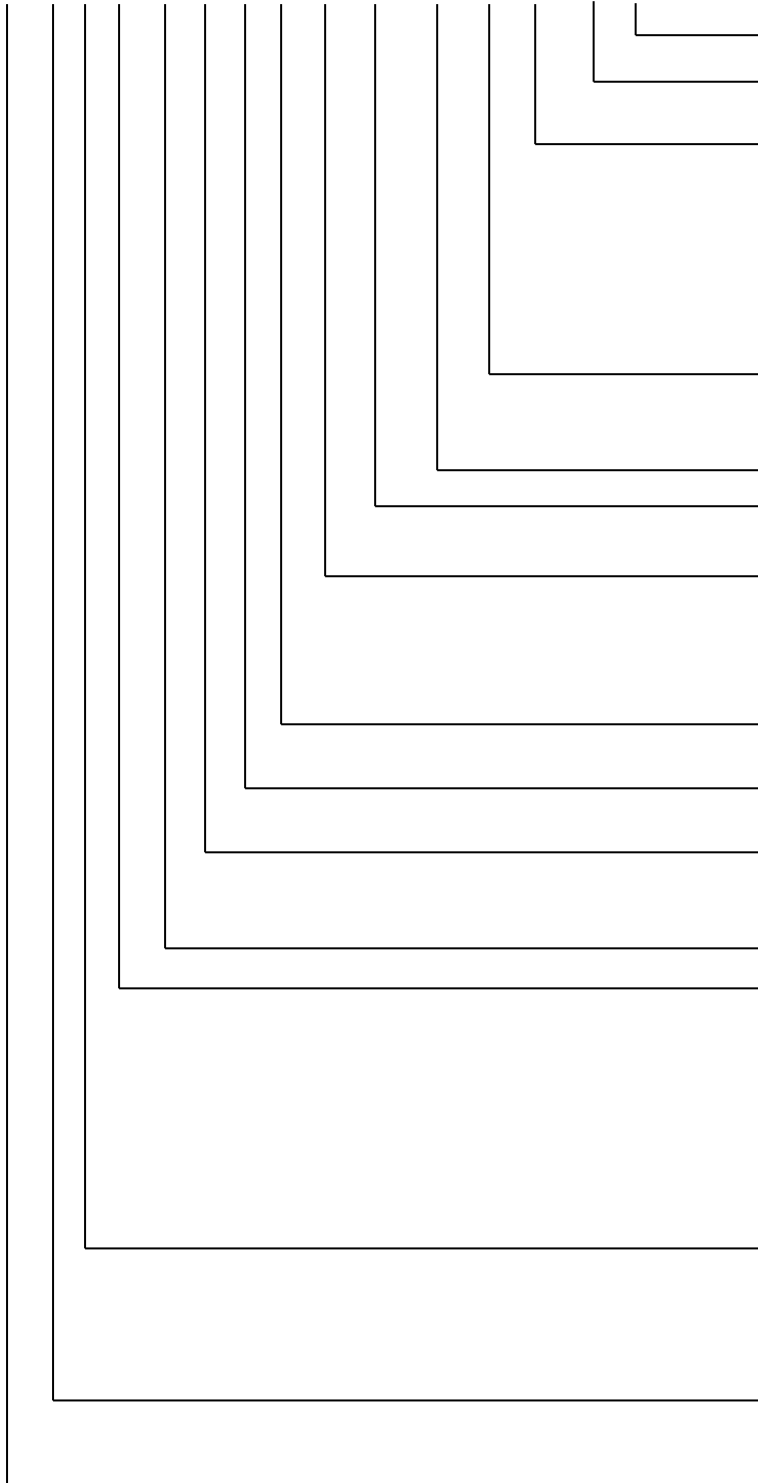
OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.



Typecode:

UD ..L... .. CL1



U0 ULOR0 (optional)

Colour of luminaire
BK, GY, WH, ANT, Rxxx

Mounting

T60T..... Post-Top D60 Transversal
T60L..... Post-Top D60 Longitudinal
T76T..... Post-Top D76 Transversal
T76L..... Post-Top D76 Longitudinal
MSU-T..... Suspended mounting Transversal
MSU-L..... Suspended mounting Longitudinal
MCA-T..... Catenary mounting Transversal

Pre-Wiring (optional)

DSx pre-wired x meter DACH (1,5mm²)
WSx pre-wired x meter (1,5mm²)

Protection class I

Dimming (optional)
HFX..... DALI dimmable

Driver configuration (optional)

BPL Bi Power Line
LRT Light Reduction Twin phases
BPxx..... Bi-Power
BSxx..... Bi-Power Switchable

Zhaga socket (optional)

ZU Zhaga socket Up

Constant Light Output (optional)

C90 Constant light output 90%

Optics (optional)

LV..... Internal Louvre
PR..... Prismatic comfort

Light distribution

Photometric code

722 2200K, CRI 70
727 2700K, CRI 70
730 3000K, CRI 70
740 4000K, CRI 70
722-40..... Night Tune (2200-4000K)
827 2700K, CRI 80
830 3000K, CRI 80
840 4000K, CRI 80

Current of LED module

25 250mA (not for types 48L)
35 350mA
50 500mA
70 700mA (not for types 48L)

Number of LEDs

24L..... 24 LEDs
48L..... 48 LEDs

Series

UD..... Urba DECO

OVE Certification

Accredited by the Austrian National Accreditation Body as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.

