

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.: **80585-031**

Date of issue: Wien, 2022 06 14

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: **ZG Lighting France**
Route de Paix
27700 Les Andelys
France

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

Trade Mark: **THORN**

Series/Type: **Series Plurio Indirect (PLI . 24L.. ... 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

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

Dipl.-Ing. T. Neumayer



OVE 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 <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>	PLI . 24L-.. see type code on page 5.
<i>Prüfbericht</i> <i>Test Report</i>	TR 80585-0022-01 ECS
<i>Nationale Bestimmung(en)</i> <i>National Standard(s)</i>	OVE EN IEC 60598-1:2022-04-01 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>	--
<i>Anmerkung(en)</i> <i>Remark(s)</i>	CTF Stage 3.

OVE 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 <https://akkreditierung-austria.gv.at>.

<i>Nennspannung</i> <i>Rated voltage</i>	230-240V, 50-60Hz
<i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	1x LEM R24
<i>Lampentyp(en)</i> <i>Lamp identification</i>	LED modules LEM R24 (24 LEDs) at max. 700 mA.
<i>Schutzgrad</i> <i>Degree of protection</i>	IP66
<i>Netzanschluss</i> <i>Supply connection</i>	Screwless terminals, or pre-wired
<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>	25°C
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	Decorative post-top lantern with several canopy shapes. Base: Cast aluminium, powder coated. Diffuser: Clear UV stabilized PC with anti-glare prisms. Indirect reflector based optic.
<i>Zusatzinformation</i> <i>Additional information</i>	Classified within limits of as risk group 1 (low risk) according to EN 62471:2008.

OVE 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 <https://akkreditierung-austria.gv.at>.

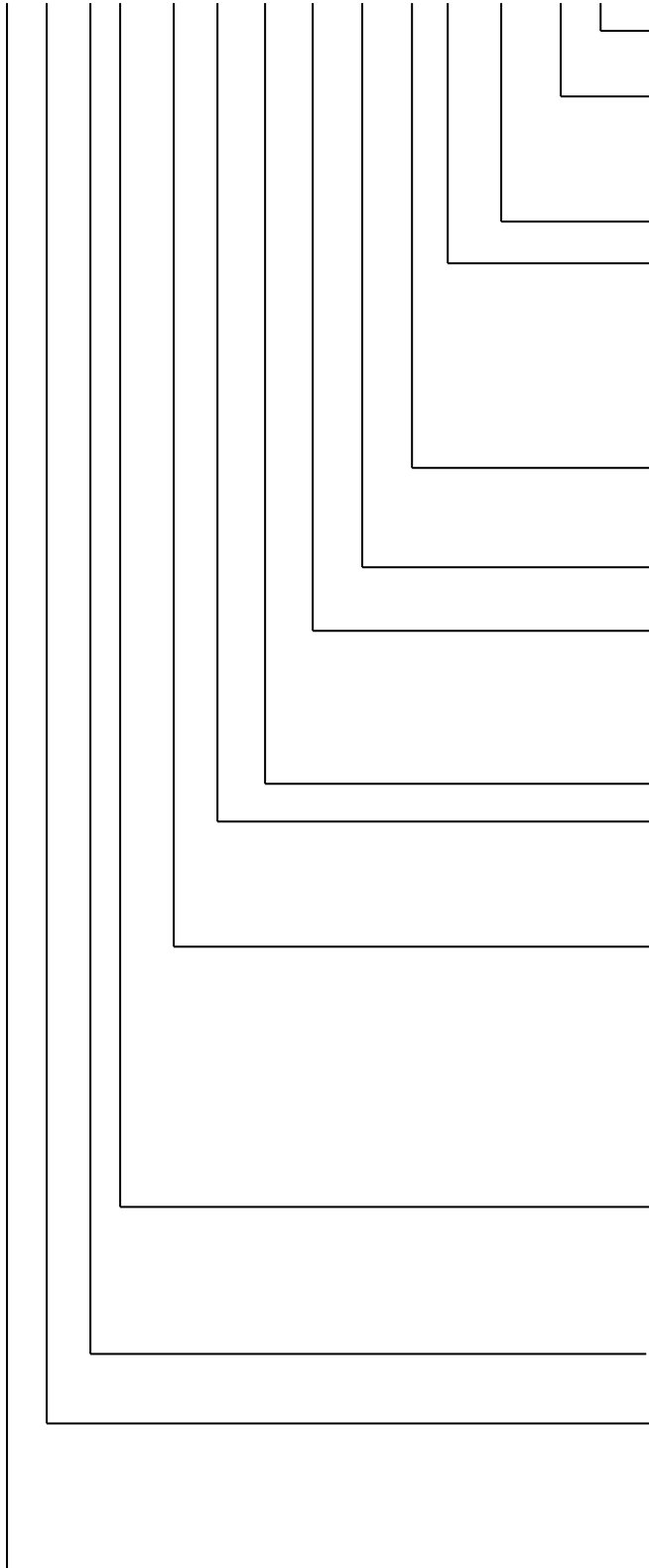
<i>Bauteil</i> <i>Component</i>	<i>Code</i> <i>Code</i>	<i>Hersteller</i> <i>Manufacturer</i>	<i>Typenbezeichnung</i> <i>Type Reference</i>	<i>Konformitätszeichen</i> <i>Mark(s) of conformity</i>
<i>LED control gear</i>	B	Tridonic	LCO 40/200–1050/64	ENEC 11
	B	Tridonic	LCO 60/200–1050/100	ENEC 11
<i>LED Module</i>	A*	THORN	LEM R24 max. 1050mA, RG2, tc=105°C	ÖVE
<i>Terminals</i>	A	Electro Terminal	SLK 450V, 24A, T85	ENEC 10
	D	BJB	46.413 450V, 24A, T85	ENEC 10
<i>Internal wiring</i>	B	BLF	UG4G4 450/700V; 0,75mm²; 180°C	IMQ
	B	BLF	SIL/0100 300V; 0,75mm²; 180°C	VDE
<i>Connector</i>	A	Adels-Contact	160 / 163 2,5mm²; 400V; 16A; 70°C	VDE
<i>External wiring</i>	A	Nexans	H07RN-F 1,5mm²	HAR

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 Federal Ministry for Digital and Economic Affairs as Certification Body for products within the scope as given in the official decree and published under <https://akkreditierung-austria.gv.at>.

PLI . 24L.. - CL1



Variant (optional)

U0 ULOR 0 variant

Colour

ANT Texturized anthracit

GY Texturized light grey

BK Texturized black

CL1 Protection class I

Wiring

D5 Pre-wired 5m, 1,5mm²

D6 Pre-wired 6m, 1,5mm²

D8 Pre-wired 8m, 1,5mm²

W5 Pre-wired 5m, 1,5mm²

W6 Pre-wired 6m, 1,5mm²

W8 Pre-wired 8m, 1,5mm²

Spigot

T60 60mm spigot

T76 76mm spigot

DALI (optional)

HFX DALI dimmable

Bi-Power light reduction

LRT Light reduction twin-phase

BPS Bi power switchable

BP Bi power

MLD1 Multi-layers dimming scenario

CLO **Constant Light Output** (optional)

Optics

R/S Rotational Symmetrical

EWC Extra-Wide Comfort Asymmetrical

EWC-B Extra-Wide Comfort Asymmetrical with backlight

Photometric code

722 2200K, CRI 70

727 2700K, CRI 70

730 3000K, CRI 70

740 4000K, CRI 70

827 2700K, CRI 80

830 3000K, CRI 80

840 4000K, CRI 80

722-40 Night Tune Dim 2200K to 4000K, CRI70

Current of LED module

25 250mA

35 350mA

50 500mA

70 700mA

Number of LEDs

24L 24 LEDs

Canopy

O Original Canopy

R Round Canopy

F Flat Canopy

D Disc Canopy

Series Plurio LED Indirect

OVE 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 <https://akkreditierung-austria.gv.at>.

