

OVE Austrian Electrotechnical Association
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OVE Testing & Certification
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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No. **86546-011**

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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: **Lunatone Industrielle Elektronik GmbH**
Paukerwerkstraße 5
1210 Wien
Austria

Product: **Electronic control gears for LED-modules**

Trade Mark:  **Lunatone**

Series/Type: **DALI PD ...**

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 & Certification

Digitally signed by W. Martin
Email=w.martin@ove.at
Dipl.-Ing. W. Martin



OVE Testing & 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 www.bmdw.gv.at/akkreditierung.



<i>Hersteller Manufacturer</i>	Lunatone Industrielle Elektronik GmbH Paukerwerkstraße 5 1210 Wien Austria
<i>Fertigungsstätte(n) Factory location(s)</i>	Lunatone Industrielle Elektronik GmbH Paukerwerkstraße 5 1210 Wien Austria
<i>Typenbezeichnung Type reference</i>	a) DALI PD (RL), DALI PD (RC), DALI PD (RLC), b) DALI PD 300W (RL), DALI PD 300W (RC), DALI PD 300W (RLC).
<i>Prüfbericht Test Report</i>	TGM-VA EE 37488 ECS-1/ECS-2, TGM-VA EE 37537 ECS-1/ECS-2.
<i>Nationale Bestimmung(en) National Standard(s)</i>	OVE EN 61347-1:2016-06-01 OVE EN 61347-2-13:2017-11-01 ÖVE/ÖNORM EN 62384:2010-05-01
<i>Europannorm(en) European Standard(s)</i>	EN 61347-1:2015 EN 61347-2-13:2014 + A1:2017 EN 62384:2006 + A1:2009
<i>Ersatz für Zertifikat Superseded licence</i>	--
<i>Anmerkung(en) Remark(s)</i>	--

<i>Nennspannung</i> <i>Rated voltage</i>	DALI (voltage according EN 62386)
<i>Nennstrom</i> <i>Rated current</i>	6 mA
<i>Bemessungs-Ausgangsspannung</i> <i>Rated output voltage</i>	AC 230 V
<i>Nennleistung</i> <i>Rated power</i>	a) 3-25 W b) 10-300 W
<i>Schutzklasse</i> <i>Class of protection</i>	only for b) CI.II
<i>Max. Betriebstemperatur t_c</i> <i>Rated max. operating temperature t_c</i>	65°C
<i>Umgebungstemperatur t_a</i> <i>Rated ambient temperature t_a</i>	a) -20 to +60°C b) -20 to +50°C
<i>Klassifikation</i> <i>Classification</i>	DALI Phase Dimmer modules for LED-Retrofit bulbs. a) Built-in controlgears b) Independent controlgears

<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>Screwless terminals</i>	A	Wago	250-2.. 250V; 8A	DEKRA
<i>Cold welding compound</i>	C	Technicoll	Technicoll 118 Viscosoty: < 5mPas	Checked within appliance
<i>Optocoupler</i>	B	Fairchild	HMHA2801C	VDE
<i>Housing</i>				
<i>DALI PD 300W</i>	C	Covestro	Makrolon 6485	Checked within appliance
<i>DALI PD</i>	C	Chi Mei Corp.	Polylac UL94 V-1	Checked within appliance
<i>PCB</i>	A	Odak Baskili Devre San Ve Tic Ltd Sti	div. V-0, PTI < 600	UL
	D	Shenzhen Golden Board Circuit Co Ltd.	JYH.. V-0, PTI < 600	UL

- 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.