

CERTIFICATE

Issued to:
Applicant:
Winenergy B.V.
Oldengoorweg 1
7108 AE Winterwijk, Netherlands

Licensee:
Winenergy B.V.
Oldengoorweg 1
7108 AE Winterwijk, Netherlands

Product : Light line system with LED light source
Trade name(s) : LUMINAID
Type(s)/model(s) : LUM - DL x x x x - x x x x - x x x x

The product and any acceptable variation thereof as specified in the Annex to this certificate and the documents referred to therein.

DEKRA hereby declares that the above-mentioned product has been certified based on:

- a type test according to EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022 and EN IEC 60598-2-1:2021
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6070805

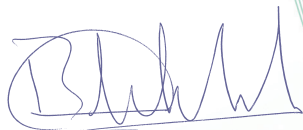
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This certificate is issued on 8 August 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-123449 REV.2

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Light line system with LED light source
Trade name(s)	: LUMINAID
Type(s)/model(s)	: LUM - DL x x x x - x x x x - x x x x
Rated voltage / nature of supply	: 230 Vac (mains supply voltage) 55 Vdc (operating voltage luminaires)
Rated frequency	: 50 Hz / DC
Rated input	: 5,2 - 74,3 W
Rated current (through wiring)	: 16 A
Maximum ambient temperature	: ta = 40 °C
Classification	: Class II
Degree of protection against ingress of dust and moisture	: IP65
Description	: Line Light system with through wiring. For operation in combination with the "CAP.IN connection unit" of the same manufacturer.

TESTS**Test requirements**

EN IEC 60598-1:2021
EN IEC 60598-1:2021/A11:2022
EN IEC 60598-2-1:2021

Test result

The test results are documented in DEKRA test file 229924900.

Additional information

The luminaires have been evaluated according to the IEC/TR 62778 and comply with non-GLS - Risk group 1 (no label required).

The luminaire contains a LED module which is in compliance with EN IEC 62031:2020 + A11:2021 (Tested as part of the appliance).

The luminaire contains a DC/DC converter which is in compliance with EN 61347-2-13:2014 + A1:2017 used in conjunction with EN 61347-1:2015 + A1:2021 (Tested as part of the appliance).

This certificate replaces certificate No. 71-123449 REV.1 which we hereby declare invalid.

The list of components is laid down in test report 2264837.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

Winterwarm Heating Solutions B.V.
Olden Goorweg 1
7108 AE Winterswijk Woold, Netherlands

Nomenclature

Product key:

LUM - DL x0 LT - xx xx - xxKx (E)

E Denotes Eplus: 10% of the general lighting level in emergency mode.

Amount of lumen per 3 m (can be: **02K5** for 2.500 lm, **03K5** for 3.500 lm, **05K0** for 5.000 lm, **06K5** for 6.500 lm, **08K0** for 8.000 lm or **12K0** for 12.000 lm)

Correlated colour temperature (CCT) (can be: **40** for 4000 K or **50** for 5000 K)

Angle of the light output (can be: **NA** for Narrow Beam Array, **WA** for Wide Beam Array, **UW** for Ultra-Wide Beam, **DF** for diffuse, or future use optic.)

Denotes luminaire version. **LT** for general luminaire (dimmable 0-10 V, EM lighting)

Denotes length of luminaire units (can be **2** for 2 meter or **3** for 3 meter)

Denotes **DATALUX** being main product description

Denotes "LUMINAID"