

CERTIFICATE

Issued to:
Applicant:
Helvar Components Oy Ab
Yrittäjantie 23
03600 Karkkila, Finland

Licensee:
Helvar Components Oy Ab
Yrittäjantie 23
03600 Karkkila, Finland

Product : LED driver
Trade name(s) : Helvar Components
Type(s)/model(s) : LL165HE-DA-300-1050

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 61347-1:2024, EN IEC 61347-2-13:2024 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 4351636

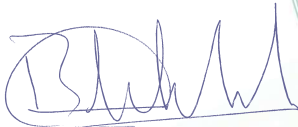
DEKRA hereby grants the right to use the ENEC certification mark.

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 20 November 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-167608

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Kreny Lin
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED driver
Trade name(s)	: Helvar Components
Type(s)/model(s)	: LL165HE-DA-300-1050
Rated input voltage	: 220-240 VAC/DC
Rated frequency	: 50-60 Hz
Output current	: 0,3-1,05 A
Output voltage range	: 50-330 Vdc
Uout	: 350 V
Output watt	: 15-165 W
Power factor	: 0,60c-0,99
Max. case temperature (tc)	: 90 °C
Ambient temperature (ta)	: -40-45 °C
Output current (default)	: 0,35 A
Output voltage range	: 50-330 Vdc
Output watt	: 17,5-116 W
Output current	: 1,05 A
Output voltage range	: 50-157 Vdc
Output watt	: 52,5-165 W
Additional information	: Non-isolating controlgear, built-in, class I construction, 120 °C thermal protection, constant current type, EL mark, Settable EOFi: 1%-100%

TESTS**Test requirements**

EN IEC 61347-1:2024
EN IEC 61347-2-13:2024
EN IEC 62384:2020

Test result

The test results are documented in DEKRA test file 4944037.50,4944037.51.

Additional information

The list of components is laid down in test report 4944037.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory locations

Helvar Components Oy Ab
Yrittäjantie 23
03600 Karkkila, Finland

Trade name(s) : Helvar Components stands for

Helvar
Components