

# CERTIFICATE

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

Licensee:  
**Helvar Components Oy Ab**  
**Yrittäjätie 23**  
**03600 Karkkila, Finland**

Product : Built-in LED driver  
Trade name(s) : Helvar Components  
Type(s)/model(s) : LL120HE-SBS-50-800

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 421
- a DEKRA certification agreement with the number 4351636

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

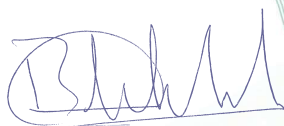
The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This 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.

This certificate is issued on 3 June 2026 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-176877

DEKRA Certification B.V.

A blue ink signature of B.T.M. Holtus.

B.T.M. Holtus  
Managing Director

A blue ink signature of Miranda Zhou.

Miranda Zhou  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Product                  | : Built-in LED driver                                                                                                       |
| Trade name(s)            | : Helvar Components                                                                                                         |
| Type(s)/model(s)         | : LL120HE-SBS-50-800                                                                                                        |
| Rated input voltage      | : 220-240 VAC/VDC                                                                                                           |
| Rated frequency          | : 50-60 Hz                                                                                                                  |
| Ambient temperature (ta) | : -25...+50 °C                                                                                                              |
| Tc                       | : 82 °C                                                                                                                     |
| Class                    | : class I                                                                                                                   |
| Power factor             | : 0,4c-0,98                                                                                                                 |
| Additional information   | : Non-isolating controlgear, built-in, 120 °C thermal protection,<br>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 4954047.50,4954047.51.

**Additional information**

The list of components is laid down in test report 4954047.50.

**Conclusion**

The examination has confirmed that all requirements were met.

**Factory locations**

Helvar Components Oy Ab  
Yrittäjäntie 23  
03600 Karkkila, Finland

Trade name(s) : Helvar Components stands for

**Helvar**  
Components