

# CERTIFICATE

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

Licensee:  
**Helvar Oy Ab**  
**Yrittajantie 23**  
**03600 Karkkila, Finland**

Product : Electronic controlgear (LED driver)  
 Trade name(s) : Helvar  
 Type(s)/model(s) : LL100iC-DA-100-800

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

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

- a type test according to EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 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

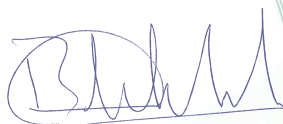
DEKRA hereby grants the right to use the ENEC certification mark.

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 1 November 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-131981

DEKRA Certification B.V.



B.T.M. Holtus  
 Managing Director



K Xu  
 Certification Manager

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ACCREDITED BY THE  
 DUTCH ACCREDITATION  
 COUNCIL



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

Product	: Electronic controlgear (LED driver)
Trade name(s)	: Helvar
Type(s)/model(s)	: LL100iC-DA-100-800
Rated voltage	: 220-240 Vac/Vdc
Rated frequency	: 50-60 Hz
Urated	: 45-230 Vdc
Rated wattage	: 23-100 W
Ambient temperature	: -25 - +50 °C
Max. case temperature	: 88 °C
Additional information	: Built-in, auto-wound, 120 °C thermal protection, class I, non-inherently short-circuit proof, EL mark.

**TESTS****Test requirements**

EN 61347-1:2015  
EN 61347-1:2015/A1:2021  
EN 61347-2-13:2014  
EN 61347-2-13:2014/A1:2017  
EN IEC 62384:2020

**Test result**

The test results are laid down in DEKRA test file 490652900.

**Additional information**

The list of components is laid down in test report 4906529.50, 4906529.51.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Helvar Oy Ab  
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03600 Karkkila, Finland

Trade name(s) : Helvar stands for

# Helvar