

# CERTIFICATE

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

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

Product : Electronic controlgear for LED modules  
Trade name(s) : HELVAR  
Type(s)/model(s) : LC22MINI (series)

The product and any acceptable variation thereto is 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 the standard EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 62384:2006 and EN 62384:2006/A1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 4351636

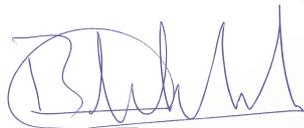
DEKRA hereby grants the right to use the ENEC certification mark.

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

This certificate is issued on 27 May 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-108610

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



JMg Marggraf  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



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

Product	: Electronic controlgear for LED modules
Trade name(s)	: HELVAR
Type(s)/model(s)	: type LC22MINI-CC-125-500, LC22MINI-CC-125-500-SR
Primary voltage	: 220-240 V
Nature of supply	: alternate or direct current
Rated frequency	: 50-60 Hz
Power factor	: From 0,9 C to 0,95
Working voltage U-OUT	: 59 V
Type of load	: LED modules, power LED
Type of thermal protection	: 110
Classification	: Independent, Built in

**Product data – type type LC22MINI-CC-125-500, LC22MINI-CC-125-500-SR**

Primary current	: 0,12 A
Rated maximum temperature (tc)	: 75 °C

**TESTS****Test requirements**

EN 61347-2-13:2014  
EN 61347-2-13:2014/A1:2017  
EN 61347-1:2015  
EN 62384:2006  
EN 62384:2006/A1:2009

**Test result**

The test results are laid down in DEKRA test file 350033600.

**Additional information**

DEKRA test report No. 2102768.50 and 2102768.60 are laid down in DEKRA test file 350033600; they contain test results and critical component list.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

The factory location is registered with the number 854975.