

CERTIFICATE

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

Licensee:
Helvar Oy Ab
Yrittäjätie 23
03600 Karkkila, Finland

Product : Built-in LED controlgear
Trade name(s) : Helvar
Type(s)/model(s) : LC45iC-DA-100-900

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 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, 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

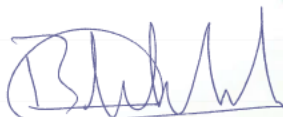
DEKRA hereby grants the right to use the ENEC certification mark.

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 30 August 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-115473

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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

Product	: Built-in LED controlgear
Trade name(s)	: Helvar
Type(s)/model(s)	: LC45iC-DA-100-900
Rated input voltage	: 220-240 AC/DC
Rated frequency	: 50-60 Hz
Input current	: 0,24 A
Power factor	: 0,97
No load voltage	: 60 Vdc
Ta	: -25-50 °C
Tc	: 75 °C
Additional information	: non-inherently short-circuit proof, 130 °C thermal protection, EL mark

TESTS**Test requirements**

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

Test result

The test results are laid down in DEKRA test file 436651000.

Additional information

The list of components is laid down at test report 4366510.50, 4366510.51.

Conclusion

The examination proved that all requirements were met.

Trade name(s) : Helvar stands for

Helvar

Model list:

Model No.	Input			Output			
	Voltage (VAC/ VDC)	Current (A)	PF	Constant current (mA)	Working voltage (Vdc)	No load voltage (Vdc)	Power (W)
LC45iC-DA- 100-900	220-240	0,24	0,97	350	12-50	60	17,5
				100-900 (NFC/DA)	12-50		5-45