

CERTIFICATE

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

Licensee:
Helvar Oy Ab
Yrittajantie 23
03600 Karkkila, Finland

Product : Built-in LED controlgear
Trade name(s) : Helvar
Type(s)/model(s) : LL35HEC-CC-350, LL40HEC-CC-200-350, LL65HEC-CC-175-350,
LL65HEC-CC-200-350 and LL80HEC-CC-200-350

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

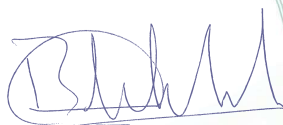
DEKRA hereby grants the right to use the ENEC certification mark.

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

Certificate number: 35-132118

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Jens Marggraf
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Built-in LED controlgear
Trade name(s)	: Helvar
Type(s)/model(s)	: LL35HEC-CC-350, LL40HEC-CC-200-350, LL65HEC-CC-175-350, LL65HEC-CC-200-350 and LL80HEC-CC-200-350
Rated input voltage	: 220-240 Vac
Rated frequency	: 50-60 Hz
Ambient temperature (ta)	: -25 - 50 °C
Additional information	: auto-wound, built-in controlgear, non-Inherently short-circuit proof, 110 °C thermal protection, EL-mark

Product data – type LL35HEC-CC-350

Input Current	: 0,16-0,19 A
Max. case temperature (tc)	: 70 °C

Product data – type LL40HEC-CC-200-350

Input Current	: 0,3 A
Max. case temperature (tc)	: 70 °C

Product data – type LL65HEC-CC-175-350

Input Current	: 0,28-0,31 A
Max. case temperature (tc)	: 80 °C

Product data – type LL65HEC-CC-200-350

Input Current	: 0,28-0,31 A
Max. case temperature (tc)	: 80 °C

Product data – type LL80HEC-CC-200-350

Input Current	: 0,35-0,40 A
Max. case temperature (tc)	: 80 °C

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 490558300.

Additional information

This certificate replaces certificate No. 35-124193 which we hereby declare invalid.

The list of components is laid down in test report 4905583.50, 4905583.51.

Conclusion

The examination proved that all requirements were met.

Factory locations

Trade name(s) : Helvar stands for

Helvar