

CERTIFICATE

Issued to:

Applicant:

Helvar Components Oy Ab
Yrittäjantie 23
03600 Karkkila, Finland

Licensee:

Helvar Components Oy Ab
Yrittäjantie 23
03600 Karkkila, Finland

Product : LED controlgear
Trade name(s) : Helvar Components
Type(s)/model(s) : LC35SE-CC-350-850 and LC35SE-CC-350-850-LOOP

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 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

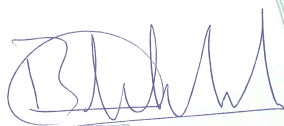
DEKRA hereby grants the right to use the ENEC certification mark.

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 12 August 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-162589

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
Certification Manager

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COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED controlgear
Trade name(s)	: Helvar Components
Type(s)/model(s)	: LC35SE-CC-350-850 and LC35SE-CC-350-850-LOOP
Rated input voltage	: 220-240VAC / VDC
Class	: class I
Degree of protection	: IP20
PF	: 0,78c-0,98
Ta	: -25-50°C
Tc	: 80°C
Additional information	: SELV, constant current output, non-inherently short circuit proof, 110 °C thermal protection;

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 documented in DEKRA test file 4937225.50,4937225.51.

Additional information

This certificate replaces certificate No. 35-148631 which we hereby declare invalid.

The list of components is laid down in test report 4937225.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory locations

Helvar Components Oy Ab
Yrittajantie 23
03600 Karkkila, Finland

Trade name(s) : Helvar Components stands for

Helvar
Components

model list:

Model No.	Input			Output				I _{set}	ta (°C)	tc (°C)
	Voltage (V)	Current (A)	PF	Current (mA)	Voltage (Vdc)	No load voltage (Vdc)	Power (W)			
LC35SE-CC-350-850	220-240 VAC / VDC	0,16-0,20	0,78c-0,98	350	25-54	60	18,9	R=∞Ω	-25-50	80
				850	25-42		35,7	R=0Ω		
				600	25-54		32,4	Fixed		
LC35SE-CC-350-850-LOOP	220-240 VAC / VDC	0,16-0,19	0,78c-0,98	350	25-54	60	18,9	R=∞Ω	-25-50	80
				850	25-42		35,7	R=0Ω		
				600	25-54		32,4	Fixed		
Note: The controlgear LC35SE-CC-350-850-LOOP have a slightly bigger PCB size and slightly different layout design compared to the model LC35SE-CC-350-850. Component values and dimensioning are the same. For model LC35SE-CC-350-850, built-in type when not incorporate with cable calms, independent type when incorporate with cable clamps.										