

# CERTIFICATE

Issued to:

Applicant:

**Helvar Components Oy Ab**  
Yrittäjätie 23  
03600 Karkkila, Finland

Licensee:

**Helvar Components Oy Ab**  
Yrittäjätie 23  
03600 Karkkila, Finland

Product : LED controlgear  
Trade name(s) : Helvar Components  
Type(s)/model(s) : LL25SE-CC-150-500 and LL35SE-CC-250-850

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

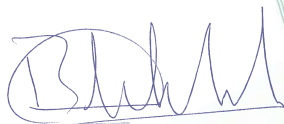
DEKRA hereby grants the right to use the ENEC certification mark.

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

Certificate number: 35-162124

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



Kreny Lin  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



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

|                        |                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Product                | : LED controlgear                                                                                                               |
| Trade name(s)          | : Helvar Components                                                                                                             |
| Type(s)/model(s)       | : LL25SE-CC-150-500 and LL35SE-CC-250-850                                                                                       |
| Rated input voltage    | : 220-240 AC/DC                                                                                                                 |
| Rated frequency        | : 50-60 Hz                                                                                                                      |
| Additional information | : built-in controlgear with double or reinforced, SELV, non-inherently short-circuit proof, 120 °C thermal protection, 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 documented in DEKRA test file 4937223.50,4937223.51.

**Additional information**

This certificate replaces certificate No. 35-126590 which we hereby declare invalid.

The list of components is laid down in test report 4937223.50.

**Conclusion**

The examination has confirmed that all requirements were met.

**Factory locations**

Helvar Components Oy Ab  
Yrittäjäntie 23  
03600 Karkkila, Finland

Trade name(s) : Helvar Components stands for

**Helvar**  
Components

Model list:

| Model No.             | Input                    |                |      | Output                      |                             |                             |              | ta<br>(°C) | tc<br>(°C) |
|-----------------------|--------------------------|----------------|------|-----------------------------|-----------------------------|-----------------------------|--------------|------------|------------|
|                       | Voltage<br>(VAC/<br>VDC) | Current<br>(A) | PF   | Constant<br>current<br>(mA) | Working<br>voltage<br>(Vdc) | No load<br>voltage<br>(Vdc) | Power<br>(W) |            |            |
| LL25SE-CC-<br>150-500 | 220-240                  | 0,11-<br>0,14  | 0,85 | 150                         | 33-54                       | 60                          | 8,1          | -25-<br>55 | 75         |
|                       |                          |                | 0,97 | 500                         | 25-50                       |                             | 25,0         |            |            |
|                       |                          |                | 0,96 | 350 (fixed)                 | 25-54                       |                             | 18,9         |            |            |
| LL35SE-CC-<br>250-850 | 220-240                  | 0,16-<br>0,20  | 0,88 | 250                         | 40-54                       | 60                          | 13,5         | -25-<br>50 | 75         |
|                       |                          |                | 0,98 | 850                         | 25-42                       |                             | 35,7         |            |            |
|                       |                          |                | 0,97 | 600 (fixed)                 | 25-54                       |                             | 32,4         |            |            |