

## CERTIFICATE ENEC16/FI/19/10033



Our Ref. HEL-CERT190400252-02 / 293955-1

Name and address of the licensee	Helvar Oy Ab Keilaranta 5 FI-02150 Espoo Finland
Product	Electronic controlgear for LED module
Trade mark (if any)	HELVAR
Type	LL35HE-CC-120-450 LL65HE-CC-250-700 LL65HE-CC-175/250/350
Rating and principal characteristics	See page 2
Is complying with the following European Standards	EN 61347-2-13:2014 + A1:2017 EN 61347-1:2015 EN 62384:2006 + A1:2009

It is authorized to use the ENEC Mark in conjunction with the suffix 16, as shown above.

**Validity** This certificate is valid until 2023-05-29 provided that the Conditions for ENEC certification are met. This certificate includes the right to use the ENEC 16 mark under the condition that product changes (if any) will be approved at SGS Fimko before the product is brought onto market.

**Directive information** The certified product(s) fulfils requirements of above mentioned standard(s) which are harmonised under the Low Voltage Directive (2014/35/EU) at the date of issue of the certificate.

This certificate has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.

**Date of issue** 2019-04-17

**Signature** SGS Fimko Ltd  
  
Peter Fagerstedt

Certification Manager

This certificate has 3 pages



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Name and address of the Manufacturer Same as applicant.

Rating and principal characteristics



LL35HE-CC-120-450:  
220-240 V; 0/50-60 Hz;  
I-LED / U-LED / Prated: 120 mA / 70...220 V / 26,4 W or  
**450 mA / 50...78 V / 35,1 W;  $\lambda$  0,98; U-OUT: 250 V; ta: -25...+50 °C;**  
tc: 80 °C; EL

LL65HE-CC-250-700:  
220-240 V; 0/50-60 Hz;  
I-LED / U-LED / Prated: 250 mA / 90...220 V / 55 W or  
**700 mA / 50...93 V / 65 W;  $\lambda$  0,98; U-OUT: 250 V; ta: -25...+50 °C;**  
tc: 75 °C; EL

LL65HE-CC-175/250/350:  
220-240 V; 0/50-60 Hz;  
I-LED / U-LED / Prated: 175 mA / 115...220 V / 38,5 W or  
**250 mA / 90...220 V / 55 W or 350 mA / 65...186 V / 65 W;**  
 **$\lambda$  0,98; U-OUT: 250 V; ta: -25...+50 °C; tc: 75 °C; EL**

Additional information This certificate replaces earlier certificate ENEC/FI 2018020, dated 29 May 2018, due to addition of new model and update of the factories.

Following limitations apply -

As shown in the Test Report(s) No(s): 291039-1A, 291039-1A Amendment-1, 291039-1B, 291039-1B Amendment-1

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Manufacturing site(s)

1. Helvar Oy Ab  
Yrittäjätie 23  
FI-03600 Karkkila  
Finland