

CERTIFICATE ENEC16/FI/19/10049

Our Ref. HEL-CERT181100529-03



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	LC35SE-DA-350-850, LC35SE-DA-350-850-LOOP, LC45SE-DA-600-1050, LC45SE-DA-600-1050-LOOP, LC51SE-DA-900-1400-LOOP
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 2023-12-03 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 2019-06-26

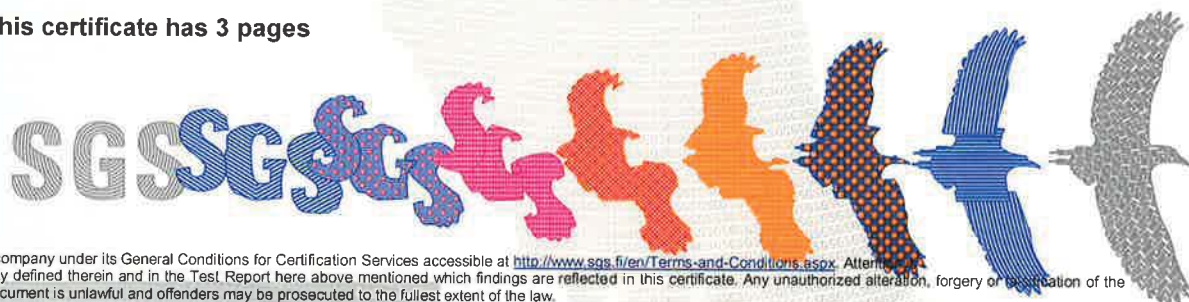
SGS Fimko Ltd

Signature

Peter Fagerstedt

Certification Manager

This certificate has 3 pages



This certificate is issued by the company under its General Conditions for Certification Services accessible at <http://www.sgs.fi/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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Name and address of the Manufacturer

Helvar Oy Ab
Keilaranta 5
FI-02150 Espoo
Finland

Ratings and principal characteristics



LC35SE-DA-350-850:
220-240V; 0/50-60Hz; constant current 350mA / 25...54V / Prated 18,9W / λ 0,93 or 850mA / 25...42V / Prated 35,7W / λ 0,96; U-OUT 60V; ta -25...+50°C; tc +80°C; SELV; DALI; temperature declared 110°C; EL

LC35SE-DA-350-850-LOOP:
220-240V; 0/50-60Hz; constant current 350mA / 25...54V / Prated 18,9W / λ 0,93 or 850mA / 25...42V / Prated 35,7W / λ 0,96; U-OUT 60V; ta -25...+50°C; tc +80°C; SELV; DALI; temperature declared 130°C

LC45SE-DA-600-1050:
220-240V; 0/50-60Hz; constant current 600mA / 25...54V / Prated 32,4W / λ 0,95 or 1050mA / 25...42,8V / Prated 45W / λ 0,97; U-OUT 60V; ta -25...+45°C; tc +85°C; SELV; DALI; temperature declared 130°C

LC45SE-DA-600-1050-LOOP:
220-240V; 0/50-60Hz; constant current 600mA / 25...54V / Prated 32,4W / λ 0,95 or 1050mA / 25...42,8V / Prated 45W / λ 0,97; U-OUT 60V; ta -25...+45°C; tc +85°C; SELV; DALI; temperature declared 130°C

LC51SE-DA-900-1400-LOOP:
220-240V; 0/50-60Hz; constant current 900mA / 25...54V / Prated 48,6W / λ 0,98 or 1400mA / 25...36,4V / Prated 51W / λ 0,98; U-OUT 60V; ta -25...+45°C; tc +80°C; SELV; DALI; temperature declared 130°C

Additional information

This certificate replaces the previous ENEC/FI certificate 2018074, dated 3 December 2018. The certificate has been updated due to addition of new models and update of the factories.

Following limitations apply

As shown in the Test Report(s) No(s): 291624-1A, 291624-1A Amendment 1
291624-1B, 291624-1B Amendment 1

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