

CERTIFICATE ENEC16/FI/19/10059



Our Ref. HEL-CERT190700504-02

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	LL2x35-E-CC, LL2x35-E-DA, LL35/2-E-DA-iC, LL60/2-E-DA-iC, LL60/2-E-DA Dynamic
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 2024-07-24 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 29.7.2019

SGS Fimko Ltd

Signature

Kari Vesterinen

Product Line 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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Additional information

Requirements of EN 61347-1:2015 + FprA1:2018 has been considered.

Rating and principal characteristics



LL2x35-E-CC, LL2x35-E-DA:

220-240V; 50-60Hz; λ 0,98; Constant current I-LED / U-LED / PRATED: 350 mA / 25-100 V / 35W/channel or 700 mA / 25-50 V / 35W/channel; U-OUT 120V; ta -20...+50; tc 80 °C; SELV

LL35/2-E-DA-iC:

220-240V; 0/50-60Hz; λ 0,98; Constant current I-LED / U-LED / PRATED: 350 mA / 25-100 V / 35W/channel or 700 mA / 25-50 V / 35W/channel; U-OUT 120V; ta -20...+50; tc 80 °C; SELV

LL60/2-E-DA-iC, LL60/2-E-DA Dynamic:

220-240V; 0/50-60Hz; λ 0,98; Constant current I-LED / U-LED / PRATED: 350 mA / 25-100 V / 35W/channel or 700 mA / 25-85 V / 60W/channel; U-OUT 120V; ta -20...+50; tc 80 °C; SELV

Following limitations apply

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As shown in the Test Report(s) No(s): 294160-2A, 294160-2B

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Name and address of the Manufacturer

Helvar Oy Ab
Keilaranta 5
FI-02150 Espoo
Finland

Manufacturing site(s)

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

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Member of the SGS Group (SGS SA)