

# CERTIFICATE ENEC/FI 2016002 A1



Our Ref. 292673-2

**Product** Electronic control gear for LED module  
**Rating and principal characteristics** See page 2  
**Trade mark (if any)** Helvar  
**Type** LC1x35-CC  
LC1x25-CC  
**Name and address of the licensee and the manufacturer** Helvar Oy Ab  
Keilaranta 5  
FI-02150 ESPOO  
FINLAND

**Is in conformity with** EN 61347-2-13:2014  
EN 61347-1:2008 + A1:2011 + A2:2013  
EN 62384:2006 + A1:2009

**As shown in the Test Report(s) No(s)** 281658-1A  
281658-1B

**It is authorized to use of the marks** ENEC 16 and FI

**Validity** This certificate is valid until 18 January 2021 provided that the Conditions for ENEC and FI certification are met. This certificate includes the right to use the ENEC 16 and FI 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.

**With the following limitations**

**Date of issue** 09 April 2018

**Signature**

**SGS Fimko Ltd**

Joonas Leinonen

Specialist



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.

**Rating and principal characteristics**

LC1x35-CC: 220-240, 0/50-60Hz,  $\lambda=0,97$  (700mA)/0,97(1050mA), tc 75°C, ta -20...+50°C (Independent -20...+40°C), Class II, SELV, EL, I-OUT 700...1050mA, U-OUT 20..48 V / 20..34V, U-OUT max 60V, P-OUT max 35,7 W

LC1x25-CC: 220-240, 0/50-60Hz,  $\lambda=0,93c(350mA)/0,97(700mA)$ , tc 65°C, ta -20...+50°C (Independent -20...+50°C), Class II, SELV, EL, I-OUT 350...700mA, U-OUT 20..45 V / 20..36V, U-OUT max 60V, P-OUT max 25,2 W

**Additional information**

Built-in / independent controlgear for LED-modules, in thermoplastic case. For independent use, separate strain relief module, LC1x30-SR must be used. SELV output, EL marked.

This certificate replaces previous ENEC/FI certificate 2016002, dated 18 January 2016. The certificate has been updated due to incorrect validity date and due to new address of the licensee and manufacturer.



JHE