

## CERTIFICATE ENEC/FI 2017084



Our Ref. 289272-1

**Product** Electronic control gear for LED module

**Rating and principal characteristics** See page 2

**Trade mark (if any)** HELVAR

**Types**  
LC1x30-E-CC  
LC1x30-E-CC+LC1x30-SR  
LC1x30-E-CC Coated  
LC1x30-E-CC Coated+LC1x30-SR

**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 + A1:2017  
EN 61347-1:2015  
EN 62384:2006 + A1:2009

**As shown in the Test Report(s) No(s)**  
289272-1A, 289272-1B

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

**Validity**  
This certificate is valid until 28 December 2022 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** 28 December 2017

**SGS Fimko Ltd**

**Signature**

  
Jonas 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.

SGS Fimko Ltd.

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Business ID 0978538-5

Member of the SGS Group (SGS SA)

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## Rating and principal characteristics

LC1x30-E-CC, LC1x30-E-CC+LC1x30-SR:  
220-240V; 50/60Hz; Constant current: 350mA / 10...60V / Prated 21W  
or 500mA / 10...60V / Prated 30W or 700mA / 10...43V / Prated 30W;  
tc +75°C;  $\lambda$  0,93...0,96; U-OUT: 80V;  
ta -20...+50°C / -20...+45°C (built-in / independent); SELV

LC1x30-E-CC Coated, LC1x30-E-CC Coated+LC1x30-SR  
220-240V; 50/60Hz; Constant current: 350mA / 10...60V / Prated 21W  
or 500mA / 10...60V / Prated 30W or 700mA / 10...43V / Prated 30W;  
tc +75°C;  $\lambda$  0,93...0,96; U-OUT: 80V;  
ta -40...+50°C / -40...+45°C (built-in / independent); SELV

Independent usage with LC1x30-SR.



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**Manufacturing site(s)**

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Yrittäjätie 23  
FI-03600 KARKKILA  
FINLAND