

CERTIFICATE ENEC/FI 2013048 M2



Our Ref. 279667-1

Product Electronic control gear for LED module
Rating and principal characteristics See page 2
Trade mark (if any) Helvar
Type LC1x70-E-CC, LC1x70-E-CC+LC1x70SR,
LC1x70-E-CC Coated, LC1x70-E-CC Coated+ LC1x70SR

Name and address of the licensee Helvar Oy Ab
PL 100
FI-03601 KARKKILA, FINLAND

Address of the manufacturer Helvar Oy Ab
Yrittäjätie 23
FI-03600 KARKKILA, FINLAND

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

As shown in the Test Report(s) No(s) 269984-5_A, 269984-5_A Amendment-1...-2
269984-5_B, 269984-5_B Amendment-1...-2

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

Validity This certificate is valid until 29 November 2018 unless the standard in question has been amended or superseded with significant changes in requirements, in which case, SGS Fimko has the right to shorten the validity of the certificate based on the legislation of the European Union. This certificate includes the right to use the ENEC 16 and FI mark under the condition that changes (if any) will be checked at SGS Fimko before the product is brought onto market and that the conditions for ENEC and FI certification are met.

Directive information The product(s) fulfils the essential safety requirements for CE conformity marking according to the Low Voltage Directive (2006/95/EC) at the date of issue of this certificate.

With the following limitations -

Date of issue 20 March 2015

Signature **SGS Fimko Ltd**

Pasi Orreveteläinen
Team Leader



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

This certificate replaces earlier certificate ENEC/FI 2013048 M1, dated 09 May 2014, due to added new models.

Rating and principal characteristics

LC1x70-E-CC, LC1x70-E-CC+LC1x70SR:
 220-240VAC; 50/60Hz; Constant current 700mA/30...100V or
 1400mA/30...50V; tc +75°C; λ0,98; P-OUTmax: 70W;
 U-OUTmax: 120V; ta: -20...+45°C/-20...+50°C (independent/built-in)

LC1x70-E-CC Coated, LC1x70-E-CC Coated+LC1x70SR:
 220-240VAC; 50/60Hz; Constant current 700mA/30...100V or
 1400mA/30...50V; tc +75°C; λ0,98; P-OUTmax: 70W;
 U-OUTmax: 120V; ta: -40...+45°C/-40...+50°C (independent/built-in)