

CERTIFICATE ENEC/FI 2015024 M1



Our Ref. 276815-1

Product Electronic control gear for LED module
Rating and principal characteristics See page 2
Trade mark (if any) Helvar
Type LC1x50-E-DA, LC1x50-DA Active+, LC1x50 Active+,
 LC1x50-E-DA with LC1x70SR, LC1x50-DA Active+ with LC1x70SR,
 LC1x50 Active+ with LC1x70SR,
 LC1x50-E-DA Coated, LC1x50-E-DA Coated with 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 61347-2-13:2014
 EN 61347-1:2008 + A1:2011 + A2:2013
 EN 62384:2006 + A1:2009
 EN 62493:2010 Clause 4.2 Induced current density
As shown in the Test Report(s) No(s) 276815-4-A, 276815-4-A Amendment-1,
 276815-4_B, 276815-4_B Amendment-1, 280951-1

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

Validity This certificate is valid until 26 March 2018 unless the standard in question has been amended or superseded with significant changes in requirements, in which case, SGS Fimko has the right to shorten the validity of the certificate based on the legislation of the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.

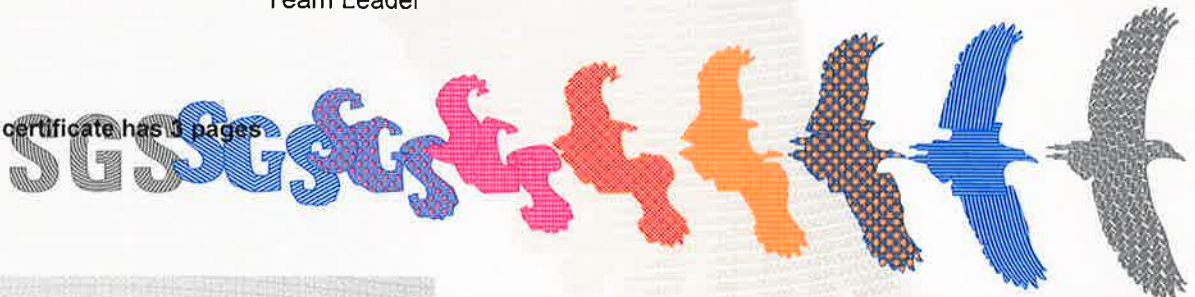
With the following limitations -

Date of issue 16 November 2015

Signature *Pasi Orreveläinen*
 Pasi Orreveläinen
 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.

Rating and principal characteristics



LC1x50-E-DA, LC1x50-DA Active+, LC1x50 Active+,
 LC1x50-E-DA with LC1x70SR, LC1x50-DA Active+ with LC1x70SR,
 LC1x50 Active+ with LC1x70SR:
 220-240VAC; 0/50-60Hz; Constant current 1050mA/20...48V or
 1400mA/20...36V; tc +75°C; λ0,98; P-OUTmax: 50,4W;
 U-OUTmax 60V; ta: -20...+50°C (built-in) / -20...+45°C (independent)

LC1x50-E-DA Coated, LC1x50-E-DA Coated with LC1x70SR:
 220-240VAC; 0/50-60Hz; Constant current 1050mA/20...48V or
 1400mA/20...36V; tc +75°C; λ0,98; P-OUTmax: 50,4W;
 U-OUTmax 60V; ta: -30...+45°C (built-in) / -30...+50°C (independent)

Additional information

This certificate replaces previous ENEC/FI certificate no. 2015024 A1, dated 02 October 2015. The certificate has been updated due to added new models LC1x50-E-DA Coated and LC1x50-E-DA Coated with LC1x70SR.



por