

CERTIFICATE ENEC/FI 2014008 A1



Our Ref. 276244-1

Product Electronic control gear for LED module
Rating and principal characteristics See page 2
Trade mark (if any) Helvar
Type LL1x40-E-CC, LL1x40-E-CC+LL1x40-SR, LL1x40-E-DA-350-700
 LL1x40-E-DA-350-700 Active, LL1x40-E-DA-700-1050
 LL1x40-E-DA-700-1050 Active
 LL1x40-E-DA-350-700+LL1x40-SR
 LL1x40-E-DA-350-700 Active+LL1x40-SR
 LL1x40-E-DA-700-1050+LL1x40-SR
 LL1x40-E-DA-700-1050 Active+LL1x40-SR

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) 270870-1_A, 270870-1_B
 270870-1_A Amendment-1, 270870-1_B Amendment-1

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

Validity This certificate is valid until 22 January 2019 unless the standard in question has been amended or superseded with significant changes in requirements, in which case, SGS Fimko has the right to shorten the validity of the certificate based on the legislation of the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 23 April 2014

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.

Additional information

LL1x40-E-CC and LL1x40-E-CC+LL1x40-SR:
 220-240VAC; 50/60 Hz; Constant current 350mA/20...80V or
 700mA/20...57V or 1050mA/20...38V; tc +75°C; λ 0,92c- λ 0,95;
 P-OUTmax: 40W; U-OUTmax: 110V; ta: -20...+50°C

LL1x40-E-DA-350-700, LL1x40-E-DA-350-700 Active,
 LL1x40-E-DA-350-700+LL1x40-SR
 LL1x40-E-DA-350-700 Active+LL1x40-SR:
 220-240VAC; 50/60 Hz; Constant current/dimmable 350mA/20...80V
 or 700mA/20...57V; tc +75°C; λ 0,92c- λ 0,96;
 P-OUTmax: 40W; U-OUTmax: 110V; ta: -20...+50°C

LL1x40-E-DA-700-1050, LL1x40-E-DA-700-1050 Active,
 LL1x40-E-DA-700-1050+LL1x40-SR,
 LL1x40-E-DA-700-1050 Active+LL1x40-SR:
 220-240VAC; 50/60 Hz; Constant current/dimmable 700mA/20...57V
 or 1050mA/20...38V; tc +75°C; λ 0,96; P-OUTmax: 40W;
 U-OUTmax: 110V; ta: -20...+50°C

This certificate replaces previous ENEC/FI certificate no. 2014008,
 dated 22 January 2014. The certificate has been updated due to
 changes in model names and addition of new models.

