



## CERTIFICATE CCA EMC 2457 A1

Our ref. 275770-1

**Product** Electronic Ballast for Fluorescent Lamps

**Rating and principal characteristics** 220-240VAC, 50-60Hz

**Trade mark (if any)** HELVAR

**Type** EL1x36ngn  
EL1x18ngn

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

**Address of the manufacturer** Helvar Oy Ab, Yrittäjätie 23, 03600 KARKKILA, FINLAND  
Helvar Oy Ab, Yrittäjätie 30, 03600 KARKKILA, FINLAND

**Is in conformity with** EN 55015:2006 + A1:2007 + A2:2009  
EN 61547:2009  
EN 61000-3-2:2006 + A1:2009 + A2:2009  
EN 61000-3-3:2008

**As shown in the Test Report(s) No(s)** 272024-5 and 272024-5 A1

**It is authorised to use of the marks** FIMKO CCA EMC

**Validity** This certificate is valid until 25.10.2018 unless the standard in question has been amended or superseded with significant changes in requirements, in which case, SGS Fimko has the right to shorten the validity of the certificate based on the legislation of the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 FIMKO CCA EMC 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 CCA certification are met.

**Directive information** The product(s) fulfils the essential protection requirements for CE conformity marking according to the EMC Directive 2004/108/EC directive at the date of issue of this certificate.

**Date of issue** 20 March 2014

**SGS Fimko Ltd**

**Signature**

*A. Honkala*  
Ari Honkala  
Product Line Manager



This certificate has 1 appendix



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.