



Ref. Certif. No.

**FI 8788 M2**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST  
CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)  
CB SCHEMESYSTEME CEI D'ACCEPTATION MUTUELLE DE  
CERTIFICATS D'ESSAIS DES EQUIPEMENTS  
ELECTRIQUES (IECEE) METHODE OC**CB TEST CERTIFICATE****CERTIFICAT D'ESSAI OC**Product  
Produit

Electronic control gear for LED module

Name and address of the applicant  
Nom et adresse du demandeurHelvar Oy Ab  
Keilaranta 5  
FI-02150 Espoo, FinlandName and address of the manufacturer  
Nom et adresse du fabricant

Same as applicant

Name and address of the factory  
Nom et adresse de l'usine

See page 3

Note: When more than one factory, please report on page 2  
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2<sup>ème</sup> page Additional Information on page 2Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales

See page 2

Trademark (if any)  
Marque de fabrique (si elle existe)

Helvar

Type of Manufacturer's Testing Laboratories used  
Type de programme du laboratoire d'essais constructeur

-

Model / Type Ref.  
Ref. De typeLC1x50-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 LC1x70SRAdditional information (if necessary may also be reported  
on page 2)

See page 2

Les informations complémentaires (si nécessaire, peuvent  
être indiqués sur la 2<sup>ème</sup> page Additional Information on page 2A sample of the product was tested and found  
to be in conformity with  
Un échantillon de ce produit a été essayé et a été  
considéré conforme à laIEC 61347-2-13:2014  
IEC 61347-1:2007  
IEC 61347-1:2007/AMD1:2010  
IEC 61347-1:2007/AMD2:2012As shown in the Test Report Ref. No. which forms part of  
this CertificateComme indiqué dans le Rapport d'essais numéro de  
référence qui constitue partie de ce Certificat276815-4-A, 276815-4-A Amendment-1, 276815-4-A  
Amendment-2, 276815-4 B, 276815-4 B Amendment-1,  
276815-4\_B Amendment-2, 280951-1

This CB Test Certificate is issued by the National Certification Body

Ce Certificat d'essai OC est établi par l'Organisme National de Certification

SGS Fimko Ltd.  
Särkiniementie 3  
FI-00210 Helsinki, Finland

Signature:

  
SGS Fimko Ltd.

Date: 2017-02-20

Peter Fagerstedt



Ref. Certif. No.

**FI 8788 M2**

**Ratings and principal characteristics**  
**Valeurs nominales et caractéristiques principales**

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...+50°C (built-in) / -30...+45°C (independent)

**Additional information**  
**Les informations complémentaires**

This certificate replaces previous CB certificate no. FI 8788 M1, dated 16 November 2015.

The certificate has been updated due to following changes:

-Switch control has been added to the models  
LC1x50-E-DA, LC1x50-E-DA with LC1x70SR,  
LC1x50-E-DA Coated and LC1x50-E-DA Coated with LC1x70SR

-Applicant's address has been changed

-Helvar Oy Ab manufacturing site address has been changed

SGS Fimko Ltd.  
Särkiniementie 3  
FI-00210 Helsinki, Finland

Signature:

Peter Fagerstedt



**SGS Fimko Ltd.**

Date: 2017-02-20



Ref. Certif. No.

**FI 8788 M2**

**Name and address of the factories:**

1. Helvar Oy Ab  
Yrittäjätie 23  
FI-03600 KARKKILA  
FINLAND

SGS Fimko Ltd.  
Särkiniementie 3  
FI-00210 Helsinki, Finland

Signature:

Peter Fagerstedt



**SGS Fimko Ltd.**

Date: 2017-02-20