



Ref. Certif. No.

FI 8788 M2IEC 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^{ème} 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^{ème} 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 Certificate276815-4-A, 276815-4-A Amendment-1, 276815-4-A
Amendment-2, 276815-4 B, 276815-4 B Amendment-1,
276815-4_B Amendment-2, 280951-1Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat

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:

SGS
SGS Fimko Ltd.

Date: 2017-02-20

Peter Fagerstedt



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