



Ref. Certif. No.

FI 8546 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
PL 100
FI-03601 KARKKILA, FINLANDName and address of the manufacturer
Nom et adresse du fabricantHelvar Oy Ab
Yrittäjätie 23
FI-03600 KARKKILA, FINLANDName 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 3Ratings 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 constructeurModel / Type Ref.
Ref. De typeLC1x50-E-CC, LC1x50-E-CC+LC1x70SR,
LC1x50-E-CC-700-1050,
LC1x50-E-CC Coated, LC1x50-E-CC Coated + LC1x70SRAdditional information (if necessary may also be reported
on page 2)
Les informations complémentaires (si nécessaire, peuvent
être indiqués sur la 2^{ème} pageThis certificate replaces previous CB certificate No. FI 8546
M1, dated 03 June 2015. The certificate has been updated
due to added new models LC1x50-E-CC Coated and
LC1x50-E-CC Coated+LC1x70SR. Model LC1x50-E-
CC+LC1x70SR has been added, as it has been missing
from the original certificate and its A1 and M1 versions.A 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 61347-2-13:2006 (Ed 1)
IEC 61347-1:2007 (Ed 2) + A1:2010 + A2:2012As shown in the Test Report Ref. No. which forms part of
this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat276815-1_A, 276815-1_A Amendment-1...-2
280951-1This CB Test Certificate is issued by the National Certification Body of Finland
Ce Certificat d'essai OC est établi par l'Organisme National de Certification de Finlande

(SGS Fimko's ref.no. 281734-1)

Date: 16 November 2015

Signature:

SGS Fimko LtdPasi Orreveteläinen
Team Leader

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

LC1x50-E-CC, LC1x50-E-CC+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-CC-700-1050:

220-240VAC; 0/50-60Hz; Constant current 700mA/30...48V or 1050mA/20...48V; tc +75°C; λ0,95;
P-OUTmax: 50,4W; U-OUTmax 60V; ta: -20...+50°C

LC1x50-E-CC Coated, LC1x50-E-CC Coated+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 (if necessary)
Information complémentaire (si nécessaire)

Date: 16 November 2015

Signature:

SGS Fimko Ltd



Pasi Orreveteläinen
Team Leader

