

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)
CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product
Produit

Independent electronic SELV control gear for LED-module
(constant current type)

Name and address of the applicant
Nom et adresse du demandeur

Helvar Oy Ab
PL 100
FI-03601 KARKKILA, FINLAND

Name and address of the manufacturer
Nom et adresse du fabricant

Helvar Oy Ab
Yrittäjätie 23
FI-03600 KARKKILA, FINLAND

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

Delta Electronics (Wuhu) Ltd.
The Wuhu Export Processing Zone, No. 68
Jiuhua North Road, Wuhu City
ANHUI PROVINCE, CHINA

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

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

Additional Information on page 2

Uin: 100- 240VAC, 50/60Hz; λ 0,9c; tc 80°C
Uout: 50VDC SELV; 350/ 700mA; Pout max 20VA
(350mA LEDs 4/14 (min/max)/ 700mA
LEDs 4/8 (min/max)).

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 type

LL20-U-CC

Additional information (if necessary may also be reported
on page 2)
Les informations complémentaires (si nécessaire,, peuvent
être indiqués sur la 2^{ème} page

This certificate replaces previous CB certificate No. FI
6216, dated 25 May 2010. The certificate has been
updated due to the LED driver has been added with
fastening lugs and alternative components.

Additional Information on page 2

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 la

IEC 61347-2-13:2007 (Ed 2)
IEC 61347-1:2007 (Ed 2)
IEC 62384:2006 (Ed 1)

As 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 Certificat

257282-1_A
257282-1_A Amendment-1

This 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

Date: 01 March 2011

Signature:

SGS Fimko Ltd

Kari Vesterinen
Product Line Manager

