

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
ProduitName and address of the applicant
Nom et adresse du demandeurName and address of the manufacturer
Nom et adresse du fabricantName and address of the factory
Nom et adresse de l'usine

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 principalesTrademark (if any)
Marque de fabrique (si elle existe)Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeurModel / Type Ref.
Ref. De type

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

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
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


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

(SGS Fimko's ref.no. 276244-1)

Date: 23 April 2014

Signature:

SGS Fimko Ltd


Kari Vesterinen
Product Line Manager

Electronic control gear for LED module

Helvar Oy Ab
PL 100
FI-03601 KARKKILA, FINLANDHelvar Oy Ab
Yrittäjätie 23
FI-03600 KARKKILA, FINLAND

See page 3

 Additional Information on page 3

See page 2

Helvar

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LL1x40-E-CC, LL1x40-E-CC+LL1x40-SR
LL1x40-E-DA-350-700, LL1x40-E-DA-350-700 Active
LL1x40-E-DA-700-1050, LL1x40-E-DA-700-1050 Active,
LL1x40-E-DA-350-700+LL1x40-SR
LL1x40-E-DA-350-700 Active+LL1x40-SR
LL1x40-E-DA-700-1050+LL1x40-SR
LL1x40-E-DA-700-1050 Active+LL1x40-SR

This certificate replaces previous CB certificate no. FI
8179, dated 22 January 2014. The certificate has been
updated due to changes in model names and addition of
new models.

IEC 61347-1:2007 (Ed 2) + A1:2010 + A2:2012
IEC 61347-2-13:2006 (Ed 1)270870-1_A
270870-1_A Amendment-1

Additional information

Les informations complémentaires

LL1x40-E-CC and LL1x40-E-CC+LL1x40-SR:

220-240VAC; 50/60 Hz; Constant current 350mA/20...80V or 700mA/20...57V or 1050mA/20...38V;
tc +75°C; λ 0,92c- λ 0,95; P-OUTmax: 40W; U-OUTmax: 110V; ta: -20...+50°C

LL1x40-E-DA-350-700, LL1x40-E-DA-350-700 Active,

LL1x40-E-DA-350-700+LL1x40-SR

LL1x40-E-DA-350-700 Active+LL1x40-SR:

220-240VAC; 50/60 Hz; Constant current/dimmable 350mA/20...80V or 700mA/20...57V;
tc +75°C; λ 0,92c- λ 0,96; P-OUTmax: 40W; U-OUTmax: 110V; ta: -20...+50°C

LL1x40-E-DA-700-1050, LL1x40-E-DA-700-1050 Active,

LL1x40-E-DA-700-1050+LL1x40-SR,

LL1x40-E-DA-700-1050 Active+LL1x40-SR:

220-240VAC; 50/60 Hz; Constant current/dimmable 700mA/20...57V or 1050mA/20...38V;
tc +75°C; λ 0,96; P-OUTmax: 40W; U-OUTmax: 110V; ta: -20...+50°C

Additional information (if necessary)

Information complémentaire (si nécessaire)

Date: 23 April 2014

Signature:

Kari Vesterinen
Product Line Manager