

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
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'usineNote: When more than one factory, please report on page 2
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2^{ème} pageRatings and principal characteristics
Valeurs nominales et caractéristiques principales Additional Information on page 2

See page 2

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

HELVAR

Model / Type Ref.
Ref. De typeLC1x30-E-DA, LC1x30-E-CC, LC1x30-E-CC+LC1x30-SR,
LC1x30-E-DA+LC1x30-SR, LC1x30-E-AN, LC1x30-E-AN +
LC1x30-SR, LC1x23-E-CC-500, LC1x23-E-CC-
500+LC1x30-SR, LC1x30-E-DA Active, LC1x30-E-CC
Coated, LC1x30-E-DA Coated, LC1x30-E-CC
Coated+LC1x30-SR, LC1x30-E-DA Coated+LC1x30-SR
LC1x30-E-AN Coated, LC1x30-E-DA-nDimAdditional information (if necessary may also be reported
on 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 61347-2-13:2006 (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 Certificat270828-1_A, 270828-1_A Amendment -1...3
277027-2A, 278669-1_A, 280649-1_AThis 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. 278669-1)

SGS Fimko Ltd

Date: 03 June 2015

Signature:

Pasi Orreveläinen
Team Leader

SGS

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

LC1x30-E-CC, LC1x30-E-CC+LC1x30-SR:

U_{in}: 220-240V; 50/60Hz; λ 0,93c...0.96; t_c 75°C; t_a: -20°C...+50°C; Class II; SELV;
I_{out}: 350mA/500mA/700mA Constant current;
U_{out}: 10...60V/10...60V/10...43V; U_{out} max 80V; P_{out} max 30W

LC1x30-E-DA, LC1x30-E-DA Active, LC1x30-E-DA+LC1x30-SR:

U_{in}: 220-240V; 50/60Hz; λ 0,93c...0.96; t_c 75°C; t_a: -20°C...+50°C; Class II; SELV;
I_{out}: 350mA/500mA/700mA DALI Dimmable;
U_{out}: 10...60V/10...60V/10...43V; U_{out} max 80V; P_{out} max 30W

LC1x23-E-CC-500, LC1x23-E-CC-500+LC1x30-SR:

U_{in}: 220-240V; 50/60Hz; λ 0,95; t_c 75°C; t_a: -20°C...+50°C; Class II; SELV;
I_{out}: 500mA Constant current
U_{out}: 25...45V; U_{out} max 80V; P_{out} max 23W

LC1x30-E-AN, LC1x30-E-AN+LC1x30-SR: LC1x30-E-AN Coated

U_{in}: 220-240V; 50/60Hz; λ 0,93c...0.96; t_c 75°C; t_a: -20°C...+50°C; Class II; SELV;
I_{out}: 350mA/500mA/700mA 1-10V Dimmable;
U_{out}: 10...60V/10...60V/10...43V; U_{out} max 80V; P_{out} max 30W

LC1x30-E-CC Coated, LC1x30-E-CC Coated+LC1x30-SR:

U_{in}: 220-240V; 50/60Hz; λ 0,93c...0.96; t_c 75°C; t_a: -40°C...+50°C; Class II; SELV;
I_{out}: 350mA/500mA/700mA
U_{out}: 10...60V/10...60V/10...43V; U_{out} max 80V; P_{out} max 30W

LC1x30-E-DA Coated, LC1x30-E-DA Coated+LC1x30-SR: LC1x30-E-SA-nDim

U_{in}: 220-240V; 50/60Hz; λ 0,93c...0.96; t_c 75°C; t_a: -40°C...+50°C; Class II; SELV;
I_{out}: 350mA/500mA/700mA DALI-controllable
U_{out}: 10...60V/10...60V/10...43V; U_{out} max 80V; P_{out} max 30W

Additional information (if necessary)
Information complémentaire (si nécessaire)

Date: 03 June 2015

Signature:

SGS Fimko Ltd

Pasi Orreveläinen
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Team Leader

SGS