



Ref. Certif. No.

FI 8656IEC 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
PL 100
FI-03601 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 constructeur

-

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-SRAdditional information (if necessary may also be reported
on page 2)Les informations complémentaires (si nécessaire,, peuvent
être indiqués sur la 2^{ème} pageA 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 CertificateComme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat

278669-1

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

(SGS Fimko's ref.no. 278669-1)

Date: 19 January 2015

Signature:

SGS Fimko LtdPasi Orreveteläinen
Team Leader

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: 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:
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: 19 January 2015

Signature:

SGS Fimko Ltd


Pasi Orrevetäinen
Team Leader

SGS