Ref. Certif. No.

FI 8656 M1

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	Electronic control gear for LED module
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 Yrittäjäntie 23 FI-03600 KARKKILA FINLAND
Name 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 2ème page*	☒ Additional Information on page 2 See page 2
Ratings and principal characteristics Valeurs nominales et caractéristiques principales	
Trademark (if any) Marque de fabrique (si elle existe)	HELVAR
Model / Type Ref. Ref. De type	LC1x30-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-nDim
Additional information (if necessary may also be reported on page 2) Les informations complémentaires (si nécessaire,, peuvent être indiqués sur la 2ème page	☒ 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 61347-2-13:2006 (Ed 1) IEC 61347-1:2007 (Ed 2) + A1:2010 + A2:2012
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	270828-1_A, 270828-1_A Amendment -1...3 277027-2A, 278669-1_A, 280649-1_A

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: 03 June 2015

Signature:

SGS Fimko Ltd

Pasi Orreveteläinen
Team Leader

SGS

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Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

LC1x30-E-CC, LC1x30-E-CC+LC1x30-SR:
Uin: 220-240V; 50/60Hz; λ 0,93c...0.96; tc 75°C; ta: -20°C...+50°C; Class II; SELV;
Iout: 350mA/500mA/700mA Constant current;
Uout: 10...60V/10...60V/10...43V; Uout max 80V; Pout max 30W

LC1x30-E-DA, LC1x30-E-DA Active, LC1x30-E-DA+LC1x30-SR:
Uin: 220-240V; 50/60Hz; λ 0,93c...0.96; tc 75°C; ta: -20°C...+50°C; Class II; SELV;
Iout: 350mA/500mA/700mA DALI Dimmable;
Uout: 10...60V/10...60V/10...43V; Uout max 80V; Pout max 30W

LC1x23-E-CC-500, LC1x23-E-CC-500+LC1x30-SR:
Uin: 220-240V; 50/60Hz; λ 0,95; tc 75°C; ta: -20°C...+50°C; Class II; SELV;
Iout: 500mA Constant current
Uout: 25...45V; Uout max 80V; Pout max 23W

LC1x30-E-AN, LC1x30-E-AN+LC1x30-SR: LC1x30-E-AN Coated
Uin: 220-240V; 50/60Hz; λ 0,93c...0.96; tc 75°C; ta: -20°C...+50°C; Class II; SELV;
Iout: 350mA/500mA/700mA 1-10V Dimmable;
Uout: 10...60V/10...60V/10...43V; Uout max 80V; Pout max 30W

LC1x30-E-CC Coated, LC1x30-E-CC Coated+LC1x30-SR:
Uin: 220-240V; 50/60Hz; λ 0,93c...0.96; tc 75°C; ta: -40°C...+50°C; Class II; SELV;
Iout: 350mA/500mA/700mA
Uout: 10...60V/10...60V/10...43V; Uout max 80V; Pout max 30W

LC1x30-E-DA Coated, LC1x30-E-DA Coated+LC1x30-SR: LC1x30-E-SA-nDim
Uin: 220-240V; 50/60Hz; λ 0,93c...0.96; tc 75°C; ta: -40°C...+50°C; Class II; SELV;
Iout: 350mA/500mA/700mA DALI-controllable
Uout: 10...60V/10...60V/10...43V; Uout max 80V; Pout max 30W

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

SGS Fimko Ltd

Date: 03 June 2015

Signature:

Pasi Orreveteläinen
Team Leader

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