



Ref. Certif. No.

ES1697-M1IEC 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 MODULES

Name and address of the applicant
Nom et adresse du demandeurESPECIALIDADES LUMINOTÉCNICAS, S.A.U.
PI MALPICA, CL E, 11
50016 ZARAGOZA (Spain)Name and address of the manufacturer
Nom et adresse du fabricantESPECIALIDADES LUMINOTÉCNICAS, S.A.U.
PI MALPICA, CL E NAVE 11
50016 ZARAGOZA (Spain)Name and address of the factory
Nom et adresse de l'usine

SAME AS ABOVE

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 2Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

See Annex

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

ELT

Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

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Model / Type Ref.
Ref. de type

See Annex

Additional 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 61347-1:2015
IEC 61347-2-13:2014 + AMD1:2016
IEC 62384:2006 + AMD1:2009As 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

201405130117-M2, 201405130116-M2-A1

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de CertificationAENOR INTERNACIONAL S.A.U.
CI Génova, 6
ES-28004 MADRID (SPAIN)

Date: 2017-06-05

Signature: Avelino BRITO
General Manager

ANNEX TO CB CERTIFICATE N° ES1697-M1

CERTIFIED REFERENCES AND THEIR MAIN RATINGS

Product: ELECTRONIC CONTROL GEAR FOR LED MODULES

Trade Mark: ELT

Reference	Voltage and frequency supply	Total power and power factor	Voltage or current stabilized output	Tc maximum	Suitable for supply voltage dimmer	Additional data
DLC 108/200-B	220-240 V~; 50/60 Hz	10 W; PF: 0,86C	Stabilized current: 200 mA; 4 ... 8 W	75 °C	Yes	Short-circuits withstand; class II; terminals connection; dimmable
DLC 109/1050-B	220-240 V~; 0 ... 50/60 Hz	3 ... 9 W; PF: 0,96	Stabilized current: 1050 mA, at 9 V max.	80 °C	Yes	Short-circuits withstand; class II; terminals connection
DLC 110/350-B	220-240 V~; 50/60 Hz	13,5 W; PF: 0,92C	Stabilized current: 350 mA; 3 ... 10 W	75 °C	Yes	Short-circuits withstand; class II; terminals connection; dimmable
DLC 110/500-B	220-240 V~; 50/60 Hz	13,5 W; PF: 0,92C	Stabilized current: 500 mA; 4,5 ... 10,5 W	75 °C	Yes	Short-circuits withstand; class II; terminals connection; dimmable
DLC 110/700-B	220-240 V~; 50/60 Hz	14W; PF: 0,90C	Stabilized current: 700 mA; 4,2 ... 10 W	75 °C	Yes	Short-circuits withstand; class II; terminals connection; dimmable
DLC 111/300-B	220-240 V~; 50/60 Hz	14,5 W; PF: 0,92C	Stabilized current: 300 mA; 7,5 ... 11,4 W	75 °C	Yes	Short-circuits withstand; class II; terminals connection; dimmable
LC 109/1050-B	220-240 V~; 0 ... 50/60 Hz	13 W; PF: 0,91C	Stabilized current: 1050 mA; 3,1 ... 9,4 W	75 °C	No	Short-circuits withstand; class II; terminals connection; dimmable
LC 110/350-B	220-240 V~; 0 ... 50/60 Hz	11,5 W; PF: 0,89C	Stabilized current: 350 mA; 3,1 ... 10,1 W	75 °C	Yes	Short-circuits withstand; class II; terminals connection; dimmable
LC 110/500-B	220-240 V~; 0 ... 50/60 Hz	12 W; PF: 0,90C	Stabilized current: 500 mA; 4,5 ... 10,5 W	75 °C	Yes	Short-circuits withstand; class II; terminals connection; dimmable
LC 110/700-B	220-240 V~; 0 ... 50/60 Hz	13,5 W; PF: 0,91C	Stabilized current: 700 mA; 4,2 ... 11,2 W	75 °C	Yes	Short-circuits withstand; class II; terminals connection; dimmable

Classification Independent