



Ref. Certif. No.

**ES1481-M2**

**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME**

**CB TEST CERTIFICATE**

Product

ELECTRONIC CONTROL GEAR FOR LED MODULES

Name and address of the applicant

ESPECIALIDADES LUMINOTÉCNICAS, S.A.U.  
PI MALPICA, CL E, 11  
50016 ZARAGOZA (Spain)

Name and address of the manufacturer

ESPECIALIDADES LUMINOTÉCNICAS, S.A.U.  
PI MALPICA, CL E NAVE 11  
50016 ZARAGOZA (Spain)

Name and address of the factory

SAME AS ABOVE

Note: When more than one factory, please report on page 2

Additional Information on page 2

Ratings and principal characteristics

See Annex

Trademark (if any)

ELT

Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

See Annex

Additional information (if necessary may also be reported on page 2)

Additional Information on page 2

A sample of the product was tested and found to be in conformity with

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

As shown in the Test Report Ref. No. which forms part of this Certificate

201106120340, 201106120341, 201106120342, 201106120343,  
201106120344, 201106120345, 201106120339,  
2015040158B1, 2016110707B1-F, 2016110707B1-S

This CB Test Certificate is issued by the National Certification Body

AENOR INTERNACIONAL S.A.U.  
CI Génova, 6  
ES-28004 MADRID (SPAIN)

Date: 2018-02-13

  
Signature: Rafael GARCÍA MEIRO  
Chief Executive Officer

# ANNEX TO CB CERTIFICATE N° ES1481-M2

## 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
LC 116/350-A	110 / 230 V~; 0 ... 50 / 60 Hz	18 W; 0.82 at 110 V, 0.85 at 230 V	Stabilized current; 0.35 A - 47 V	85 °C
LC 116/500-A	110 / 230 V~; 0 ... 50 / 60 Hz	18 W; 0.82 at 110 V, 0.85 at 230 V	Stabilized current; 0.5 A - 32 V	85 °C
LC 116/700-A	110 / 230 V~; 0 ... 50 / 60 Hz	18.5 W; 0.76 at 110 V, 0.84 at 230 V	Stabilized current; 0.7 A - 23 V	85 °C
LC 125/350-A	110 / 230 V~; 0 ... 50 / 60 Hz	28 W; 0.88 at 110 V, 0.9 at 230 V	Stabilized current; 0.35 A - 72 V	85 °C
LC 125/500-A	110 / 230 V~; 0 ... 50 / 60 Hz	28.5 W; 0.81 at 110 V, 0.89 at 230 V	Stabilized current; 0.5 A - 55 V	85 °C
LC 125/700-A	110 / 230 V~; 0 ... 50 / 60 Hz	28.5 W; 0.89 at 110 V, 0.92 at 230 V	Stabilized current; 0.7 A - 37 V	85 °C
LC 16/350-A	230 V~; 50 / 60 Hz	20 W; 0.90 C at 230 V	Stabilized current; 350 mA - 16 W	55 °C
LC 16/500-A	230 V~; 50 / 60 Hz	20 W; 0.90 C at 230 V	Stabilized current; 500 mA - 16 W	55 °C
LC 16/700-A	230 V~; 50 / 60 Hz	20 W; 0.90 C at 230 V	Stabilized current; 700 mA - 16 W	55 °C
LC 25/500-A	230 V~; 50 / 60 Hz	30 W; 0.93 C at 230 V	Stabilized current; 500 mA - 25 W	60 °C
LC 25/700-A	230 V~; 50 / 60 Hz	30 W; 0.93 C at 230 V	Stabilized current; 700 mA - 25 W	60 °C

**Classification**

Independent

**Suitable for supply voltage dimmer**

No

**Additional data**

Short-circuits withstand; class II; terminals connection