



MINISTERIO  
DE INDUSTRIA, ENERGIA  
Y TURISMO

L.C.O.E.

LABORATORIO CENTRAL OFICIAL  
DE ELECTROTECNIA



FUNDACIÓN PARA EL FOMENTO  
DE LA INNOVACIÓN INDUSTRIAL

# INFORME DE ENSAYOS TEST REPORT



Nº 3/LE/130

Ensayo Nº/Test Report Nº: 2015100637B1

Solicitante/ Applicant's name:	NORMAGRUP TECHNOLOGY, S. A.		
Domicilio/ Address:	Parque Tecnológico de Asturias, Parcela 10 33428 – LLANERA (ASTURIAS) (SPAIN)		
Aparato/ Test item description:	Luminaire for emergency lighting	Fecha recepción Date of receipt of test item:	17/11/2015
Marca/ Trade mark:	NormaGrup Technology	Fecha de ensayo Date(s) of performance of test:	25/11/2015 07/03/2016 to
Modelo/ Model:	EAL-300M; EAL-250M	Nº total de págs./ Total pags. Number:	1 + 1 + 49
Tipo, Nº de Ref./ Type reference:	---		
Normas aplicadas/ Test Specification-Standard:	IEC 60598-2-22:2014 (Fourth Edition) used in conjunction with IEC 60598-1:2014 (Eighth Edition) EN 60598-2-22:2014 used in conjunction with EN 60598-1:2015		

Los resultados de los ensayos están contenidos en las hojas adjuntas/ The tests results are included in the following pages.

Fecha de emisión/Date of issue: 7 de Marzo de 2016

Ensayado por/  
Tested by,

FERNANDO MARTINEZ SANCHEZ

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PARA EL FOMENTO DE LA INNOVACIÓN INDUSTRIAL,  
ou=LCOE BAJA TENSION, title=ANALISTA,  
2.5.4.13=Qualified Certificate: CAM-PF-SW-KPSC  
Fecha: 2016.03.07 11:29:51 +01'00'



Responsable Unidad Operativa/  
Head of business unit,



JESUS SANCHEZ PANDO

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title=RESPONSABLE TÉCNICO 2.5.4.13=Qualified  
Certificate: CAM-PF-SW-KPSC  
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\* Los ensayos se refieren exclusivamente a la muestra ensayada; dicha muestra es la descrita en el informe y corresponde a la muestra originalmente recibida, con las modificaciones que en el transcurso de los ensayos puedan haberse producido, para dar cumplimiento a los mismos. Estas modificaciones están documentadas en los archivos del LCOE y disposición del solicitante u organismo por el autorizado / The test results presented in this report relate only to the object tested; the simple is described in the report and is the originally received with all the modifications that can be made during the testing to comply with the Standard requirements. All of this modifications are reported in the LCOE files available to the applicant or other body authorized by the applicant.

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**TEST REPORT SUMMARY**

**Report Reference No.** ..... : **2015100637B1**  
**Date of issue** ..... : 07/03/2016  
**Tested by (name + signature)** ..... : FERNANDO MARTINEZ SANCHEZ   
**Witnessed by (name + signature)** ..... :  
**Approved by (name + signature)** ..... : JESUS SANCHEZ PANDO   
**Supervised by (name + signature)** .....

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 INDUSTRIAL, cn=COE BLAIA TENDON, st=NAVARRA,  
 2.5.4.13-Qualified Certificate: CAM-PF-SW-RPSC  
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Firmado digitalmente por Jesus Sanchez Pando  
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 o=FUNDAION PARA EL FOMENTO DE LA INNOVACION  
 INDUSTRIAL, cn=COE BLAIA TENDON, st=NAVARRA,  
 2.5.4.13-Qualified Certificate: CAM-PF-SW-RPSC  
 Fecha: 2016.03.07 12:04:18 +01'00'

**Testing Laboratory** ..... : LABORATORIO CENTRAL OFICIAL DE ELECTROTÉCNIA  
**Address** ..... : C/ Eric Kandel, 1 • TECNOGETAFE • 28906 Getafe-Madrid (SPAIN)  
**Testing procedure** ..... :  ENEC/CCA-TL  IEC/IEC/CBTL  TMP  WMT  SMT  
**Testing location** ..... : --  
**Address** ..... : --

**Applicant** ..... : NORMAGRUP TECHNOLOGY, S. A.  
**Address** ..... : Parque Tecnológico de Asturias, Parcela 10/ 33428 – LLANERA (ASTURIAS)  
**Manufacturer** ..... : NORMAGRUP TECHNOLOGY, S. A.  
**Address** ..... : Parque Tecnológico de Asturias, Parcela 10/ 33428 – LLANERA (ASTURIAS)

**Product** ..... : LUMINAIRE FOR EMERGENCY LIGHTING  
**Model/Type reference** ..... : EAL-300M; EAL-250M  
**Trademark** ..... : NORMAGRUP TECHNOLOGY  
**Ratings** ..... : 230 V; 50/60 Hz;; 25x0,5 W; CLASS II; IP 20; IK04; 300-230lm

**Certification Scheme** ..... :  ENEC  CCA  Other: \_\_\_\_\_  
**Standard(s)** ..... : **EN 60598-2-22:2014 used in conjunction with EN 60598-1:2015**  
 The text of the a.m. European Standard was approved by CENELEC under the Unique Acceptance Procedure and is identical with the corresponding IEC Publication.  
 The text of the a.m. European Standard was approved by CENELEC with agreed common modifications and is not identical with the corresponding IEC Publication.

This EN test report consists of the following parts:  
 **IEC TRF No. IEC60598\_2\_22E**..... : Report Reference No ..... : **2015100637B1**  
 **EN Common modifications SNCs and A-deviations** ..... : Report Reference No. or Annex No .. : **2015100637B1 Annex 5**

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