



CERTIFICADO ROHS

Distribuidor: JBM CAMPLLONG, S.L.U.

Dirección: CIM La Selva – Crta. Aeroport Km 1.6 Nave 2.2, 17185 Vilobí d'Onyar, Girona

CIF: B17419292

Descripción del producto: GIROFARO BASE FLEXIBLE H1 12V 55W

Referencia del fabricante: WL136

Referencia del distribuidor: 51964

El objeto de la declaración es conforme a la Directiva 2011/65/EU del Parlamento Europeo y del Consejo, de 8 de junio de 2011, sobre restricciones a la utilización de determinadas sustancias peligrosas en aparatos eléctricos y electrónicos, y a los siguientes estándares:

Norma	Título	Edición/Fecha
IEC 62321-3-1	Determinación de ciertas sustancias en productos electrotécnicos. Parte 3-1: Detección de plomo, mercurio, cadmio, cromo total y bromo total utilizando espectrometría de fluorescencia de rayos X.	2013
IEC 62321-5	Determinación de ciertas sustancias en productos electrotécnicos. Parte 5: Determinación de cadmio, plomo y cromo en polímeros y productos electrónicos, y de cadmio y plomo en metales mediante AAS, AFS, ICP-OES e ICP-MS.	2013
IEC 62321-6	Determinación de ciertas sustancias en productos electrotécnicos. Parte 6: Bifenilos polibromados y éteres difenil polibromados en polímeros por cromatografía de gases - espectrometría de masas (GC-MS).	2015
IEC 62321-7-1	Determinación de ciertas sustancias en productos electrotécnicos. Parte 7-1: Determinación de cromo hexavalente (Cr (VI)) en recubrimientos protegidos contra la corrosión coloreados e incoloros de metales por el método colorimétrico.	2015
IEC 62321-7-2	Determinación de ciertas sustancias en productos electrotécnicos. Parte 7-2: Cromo hexavalente. Determinación del cromo hexavalente (Cr (VI)) en polímeros y productos electrónicos por el método colorimétrico.	2017
IEC 62321-4	Determinación de ciertas sustancias en productos electrotécnicos. Parte 4: Determinación de mercurio en polímeros, metales y componentes electrónicos mediante CV-AAS, CV-AFS, ICP-OES e ICP-MS.	2013+AMD1:2017
IEC 62321-8	Determinación de ciertas sustancias en productos electrotécnicos. Parte 8: Ftalatos en polímeros por cromatografía de gases-espectrometría de masas (GC-MS),	2017

pirólisis/desorción térmica-cromatografía de gases-
espectrometría de masas (Py/TD-GC-MS).

Firmado:



Eduard Godoy

Director departamento de compras

En Girona, a 13 octubre de 2022

EMTEK (Shenzhen) Co., Ltd.
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Access to the World

Certificate of Compliance

No.: EM190521025CE

The following products have been tested by us with the listed standards and found in conformity with the Directive 2011/65/EU and its amendment (EU) 2015/863 of the European Parliament and of the Council with regard to the restriction of the use of certain hazardous substances in electrical and electronic equipment. It is possible to use RoHS marking to demonstrate the conformity with this Directive.

Applicant :

Address :

Sample Name : LED Warning Beacon

Model : See Test Report

Brand Name :

Test Standards : IEC62321-3-1:2013, IEC62321-5:2013, IEC 62321-6:2015
IEC 62321-7-1:2015 & IEC 62321-7-2:2017,
IEC 62321-4: 2013+AMD1:2017, IEC 62321-8:2017

RoHS



Jeny

Manager
May 27, 2019

This certification is part of the full test report(s) and should be read in conjunction with it. The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab. logo.

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Applicant :
Address :



Sample Name : LED Warning Beacon
Model : WL93G(main test), WL93T, WL93SC-G, WL93SC-T, WL96G, WL96T, WL97G, WL97T, WL117G, WL117T, WL98G, WL98T, WL95G, WL95T, WL167G, WL167T, WL190G, WL190T, WL140G, WL140T, WL169G, WL169T, WL104G, WL104T, WL216G, WL216T, WL211G, WL211T, WL214G, WL214T, WL212G, WL212T, WL105G, WL105T, WL215G, WL215T, WL218G, WL218T, WL110G, WL110T, WL213G, WL213T, WL217G, WL217T, WL192G, WL192T, WL135SC-G, WL135SC-T, WL135G, WL135T, WL150G, WL150T, WL210G, WL210T, WL160G, WL160T, WL145G, WL145T, WL136G, WL136T, WL159G, WL159T, WL191G, WL191T, WL186SC-G, WL186SC-T, WL190G, WL190T, WL148G, WL148T, WL219G, WL219T, WL181G, WL181T, WL180G, WL180T, WL185G, WL185T, WL182G, WL182T, WL186G, WL186T, WL184G, WL184T, WL412, WL412B, WL413, WL410, WL407, WL406, WL411, WL409, WL405, WL404, WL408, WL175A-G, WL175A-T, WL194SC-G, WL194SC-T, WL194G, WL194T, WL176BS-G, WL176BS-T, WL266G, WL266T, WL188G, WL188T, WL178G, WL178T, WL189G, WL189T, WL186G, WL186T, WL24G, WL24T, WL24SC-G, WL24SC-T, WL24A-G, WL24A-T, WL177G, WL177T, WL116G, WL116T, WL99G, WL99T, WL263G, WL263T, WL166G, WL166T, WL107G, WL107T, WL139G, WL139T, WL170G, WL170T

Brand Name :

Received Date : May 21, 2019
Test Period : May 21, 2019 ~ May 27, 2019

Test Requested : As requested by client, to evaluate the compliance of the submitted sample with EU RoHS Directive 2011/65/EU Annex II and its amendment (EU) 2015/863 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Test Method : 1. Review was performed for the sample and the related Bill of Material submitted by the Applicant.
2. a) To refer to the standard IEC 62321-2:2013, review was performed for the samples disjointed from the submitted articles.
b) To refer to the standard IEC 62321-1:2013, tests were performed for the samples indicated by the photos in this report.
c) To refer to the standard IEC 62321-3-1:2013: Screening by XRF Spectroscopy.

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EMTEK (Shenzhen) Co., Ltd. 308, Xixiang Road, West Side of Electronic Factory of EVOX Technology Industrial Park, No.11, Gaoxin Road, Guangrong Street, Guangrong New District, Shenzhen, Guangdong, China. <http://www.emtek.com.cn> E-mail: sz_csa@emtek.com.cn



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d) Wet chemical test

- 1) to refer to IEC 62321-5:2013, determine the Lead(Pb),Cadmium(Cd) content by ICP-OES.
- 2) to refer to IEC 62321-4: 2013+AMD1:2017, determine the Mercury(Hg) content by ICP-OES.
- 3) to refer to IEC 62321-7-1:2015 & IEC 62321-7-2:2017, determine the Hexavalent Chromium(Cr(VI)) content by UV-VIS.
- 4) to refer to IEC 62321-6:2015, determine the Polybrominated Biphenyls (PBBs) and Polybrominated Diphenyl Ethers(PBDEs) by GC-MS.
- 5) to refer to IEC 62321-8:2017, determine the Bis(2-ethylhexyl)phthalate (DEHP), Dibutyl phthalate(DBP), Benzylbutyl phthalate(BBP) and Diisobutyl phthalate(DIBP) by GC-MS.

Test Results : Please refer to next page (s).

Executive Summary:

STANDARD	CONCLUSION
1. RoHS Directive(EU) 2015/863 amending Annex II to Directive 2011/65/EU -Pb, Cd, Hg, Cr(VI), PBBs, PBDEs	PASS
2. RoHS Directive(EU) 2015/863 amending Annex II to Directive 2011/65/EU -Phthalates (DBP, BBP, DEHP, DIBP) contents (Client's Requirement)	PASS

Signed for and on behalf of

EMTEK (Shenzhen) Co., Ltd.

Tested by:


Daneng
Test engineer

Reviewed by:


Qu xiang
Technical supervisor

Approved by:


Jerry
Authorized signatory
May 27, 2019

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