



**BUREAU  
VERITAS**

## CERTIFICATE OF CONFORMITY

08/X29/1/12145336-1001-2, Rev.0

**TO:**  
**ICAO, Annex 14, Volume I, 8<sup>th</sup> Edition**  
**EASA CS-ADR-DSN, Issue 4, 8<sup>th</sup> December 2017**  
**UNE-IEC/TS 61827, 1<sup>th</sup> Edition**  
**FAA AC 150/5345-46E**  
**AENA PPT 016 -06/12**

Products: Airfield Lighting Lights EBL-RE-II  
Manufactured by: Airsafe Airport Equipment Co., Ltd  
Applications: High intensity elevated runway edge light II

We hereby certify:

That we conducted an inspection, review and documental study of the characteristics of the above mentioned equipment based on the reports of tests carried by the laboratories:

**Intertek and SQI - Shanghai Institute of Quality Inspection and Technical Research,**

as Certified National Certification Body who carried out testing according to the IECEE CB Scheme for the Scope as listed in the relevant part of the IECEE Web Site at [www.iecee.org](http://www.iecee.org).

On the base of all the foregoing, and in view of the results obtained; we confirm that: the elevated lights model **EBL-RE-II** above referenced, manufactured by Airsafe Airport Equipment Co.Ltd., designed for airfield ground lighting applications,

### **FULFIL SATISFACTORILY**

the demands and requirements of the above mentioned standards and of technical provisions of AENA referred in the present document, and specifically the specifications of the UNE-IEC/TS 61827.

Test	Elevated lights	Result
	Type	It fulfils
<u>a. Dimensional test</u>	6.2	Satisfactory
<u>b. Test Environmental</u>		
High temperature	6.3.1.1	Satisfactory
Low temperature	6.3.1.2.2	Satisfactory
Thermal shock	6.3.2.2	Satisfactory
Corrosion (saline sprayed)	6.3.3.2	Satisfactory
Electromagnetic compatibility	6.3.6.	Satisfactory
Moisture	6.3.4.	Satisfactory
<u>c. Test Structural</u>		
Jet blast	6.4.2.1	Satisfactory
Frangibility	6.4.2.2	Satisfactory

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This certificate cancels and replaces the certificate with number 08/X29/1/6346743-1001-3, Rev.3



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Test	Elevated lights	Result
	Type	It fulfils
<u>d. Test Electrical</u> Dielectric rigidity Creepage and clearance Resistance of isolation Electrical shock	6.5.1 6.5.2 6.5.3 6.5.4	Satisfactory Satisfactory Satisfactory Satisfactory
<u>e. Functional test</u> Photometry Chromaticity	6.6.1.1 6.6.2	Satisfactory Satisfactory
<u>f. Endurance Test</u> Accelerated life Test of useful lamp life (10 luminaires)	6.7.1.2 6.7.2.	Satisfactory Satisfactory

As well as the requirements listed in ICAO Annex 14, Volume I, and EASA CS-ADR-DSN, Issue 4, detailed below:

Elevated lights	ICAO		EASA		Result It fulfils
	Photometry test	Chromaticity test	Photometry test	Chromaticity test	
EBL-RE-II	Sec. 5.3.9.9 Figure A2-9 Figure A2-10 -Appendix 2-	Figure A1-1b -Appendix 1-	-CS ADR-DSN.M.675 (d)- Figure U-13 Figure U-14 -CS ADR-DSN.U.940-	Figure U-1A -CS ADR- DSN.U.930-	Satisfactory

And for the record for the appropriate purposes we issue and sign this Certification in Barcelona, on September 13 of 2021.

Location	Date	Name	Signature
Barcelona (Spain)	September 13 <sup>th</sup> , 2021	Laura Arcas (Technical Inspector)	
Registration code. 08/X29/1/6346743-1001-3 Revision 3, date May 31, 2018			
Registration code. 08/X29/1/12145336-1001-2 Revision 0, date September 13, 2021			