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## CERTIFICATE OF CONFORMITY

08/X29/1/6346743-1001-7, rev.2

TO:

ICAO, Annex 14, Volume I, 7<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 015 -06/12

Products: Airfield Lighting Lights EUL-XX

Manufactured by: Airsafe Airport Equipment Co., Ltd

Applications:

- Elevated approach centerline light
- Elevated approach side-row light
- Elevated runway threshold light
- Elevated runway threshold wing-bar light
- Elevated runway end light
- Elevated stop-bar light

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 **EUL-AP, EUL-SR, EUL-TH, EUL-THW, EUL-ED and EUL-SB** 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



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<u>c. Test Structural</u> Jet blast Frangibility	6.4.2.1 6.4.2.2	Satisfactory Satisfactory
<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	
EUL-AP	Figure A2-1 -Appendix 2-	Figure A1-1a -Appendix 1-	Figure U-5 -CS ADR-DSN.U.940-	Figure U-1A -CS ADR-DSN.U.930-	Satisfactory
EUL-SR	Figure A2-2 -Appendix 2-	Figure A1-1a -Appendix 1-	Figure U-6 -CS ADR-DSN.U.940-	Figure U-1A -CS ADR-DSN.U.930-	Satisfactory
EUL-TH	Figure A2-3 -Appendix 2-	Figure A1-1a -Appendix 1-	Figure U-7 -CS ADR-DSN.U.940-	Figure U-1A -CS ADR-DSN.U.930-	Satisfactory
EUL-THW	Figure A2-4 -Appendix 2-	Figure A1-1a -Appendix 1-	Figure U-8 -CS ADR-DSN.U.940-	Figure U-1A -CS ADR-DSN.U.930-	Satisfactory
EUL-ED	Figure A2-8 -Appendix 2-	Figure A1-1a -Appendix 1-	Figure U-12 -CS ADR-DSN.U.940-	Figure U-1A -CS ADR-DSN.U.930-	Satisfactory
EUL-SB	Figure A2-12 -Appendix 2-	Figure A1-1a -Appendix 1-	Figure U-16 -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 May 31 of 2018.

Inspector Bureau Veritas  
Laura Arcas

