



**BUREAU
VERITAS**

CERTIFICATE OF CONFORMITY

08/X29/1/10326426-1001-1, Rev.1

TO:
UNE-IEC/TS 61827, 1th Edition
FAA AC 150/5345-51B
FAA EB 67D
FAA E-2628b
ICAO Annex 14 Volume 1, 8th Edition
EASA CS-ADR-DSN, Issue 4

Products:

LED Sequenced Flashing Lighting System
LED Runway Threshold Identification Light

Manufactured by:

Airsafe Airport Equipment Co., Ltd

Applications:

SFLS-LED
RTIL-LED

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:

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.

On the base of all the foregoing, and in view of the results obtained on the test of the Led Sequenced flashing lighting system Model SFLS-LED Serial number K181021407948-001; we confirm that: the LED Sequenced flashing lighting system, model **SFLS-LED** and LED Runway threshold identification light, model **RTIL-LED** above referenced, manufactured by Airsafe Airport Equipment Co.Ltd., designed for airfield indicator 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, FAA EB67D, FAA AC 150/5345-51B and FAA E-2628b:



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Test	IEC TS 61827	Result
	Tests / Type	It fulfils
High temperature	6.3.1.1	Satisfactory
Low temperature	6.3.1.2.2	Satisfactory
Salt-Fog	6.3.3.2	Satisfactory
Frangibility	6.4.2.2	Satisfactory
Solar radiation	6.3.5	Satisfactory
Dielectric rigidity	6.5.1	Satisfactory
Creepage and clearance	6.5.2	Satisfactory
Insulation resistance	6.5.3	Satisfactory
Drainage requirement	5.7.2	Satisfactory

Test	FAA EB67D	Result
	Requirements / Type	It fulfils
Electromagnetic emissions	2.11	Satisfactory
Surge protection	2.12	Satisfactory

Test	FAA AC 150/5345-51B	Result
	Requirements / Type	It fulfils
Photometric (RTIL-LED)	3.4.1 (L-849I, Style E)	Satisfactory
Gaskets	3.6.2	Satisfactory

Test	FAA E-2628b	Result
	Requirements / Type	It fulfils
Photometric performance (SFLS-LED)	3.2.2.1.1	Satisfactory
Flasher frequency	3.2	Satisfactory
Flasher interval	3.2.1.1.4	Satisfactory
Flasher tube	3.2.4.4.2	Satisfactory


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

SFLS/RTIL lights	ICAO Annex 14, Volume I		EASA CS-ADR-DSN, Issue 4		Result
	Chromaticity test	Equipment finish	Chromaticity test	Equipment finish	It fulfils
SFLS-LED RTIL-LED	Figure A1-1b Appendix 2.3	Appendix 1-4	Figure U-1B -CS ADR- DSN.U.930-	Par. e) -CS ADR- DSN.U.930-	Satisfactory



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And for the record for the appropriate purposes we issue and sign this Certification in Barcelona, on February 23 of 2021.

<i>Location</i>	<i>Date</i>	<i>Name</i>	<i>Signature</i>
Barcelona (Spain)	February 23 th , 2021	Laura Arcas (Technical Inspector)	
<i>Registration code.</i> 08/X29/1/10326426-1001-1 Revision 0, date February 23, 2021			
<i>Registration code.</i> 08/X29/1/10326426-1001-1 Revision 1, date April 09, 2021			

ANNEXES :

- *Certificate of Acceptance SQI*, reference TL259, date 2018/04/11, by IECEE (1 page)
- *Datasheet of LED Sequenced flashing lighting system*, reference SFLS-LED, by AIRSAFE (2 pages)
- *Test Report Led Sequenced flashing lighting system*, report number W01912250065E, date 2020/11/20, , by SQI (11 pages)
- *Certificate Statement of Equivalence*, date 2021/04/08, by AIRSAFE (2 pages)