



BUREAU VERITAS ITALIA S.p.A.
V.le Monza, 347 – 20126 Milano

ATTESTATO DI ESAME DELLA CONFORMITA'
CONFORMITY EXAMINATION CERTIFICATE

N° P34202/23/CC/fg

BUREAU VERITAS ITALIA a seguito di verifica di terza parte (rapporto di ispezione nr. P34202/23/CC/fg-IR01) attesta che il modello di seguito identificato, è stato esaminato secondo quanto previsto da:

Following the third part inspection (inspection report nr. P34202/23/CC/fg-IR01), BUREAU VERITAS ITALIA attests that type identified hereunder has been examined against the provisions of:

- IEC/TS 61827 "Electrical installations for lighting and beaconing of aerodromes – Characteristics of inset and elevated luminaires used on aerodromes and heliports". First edition, 2004-05
- ICAO Annex 14 Aerodromes Volume I "Aerodrome Design and Operations". Ninth edition, July 2022
- NATO STANAG 3316 "Nato Standardization Agreement (STANAG) 3316 NAVY/ARMY/AIR". Edition 11 RD1
- EASA CS-ADR-DSN "Certification Specifications and Guidance Material for Aerodrome Design". Issue 6, 29 March 2022
- CAA CAP168 "Licensing of Aerodromes". Edition 12, January 2022.
- TCCA TP312 "Aerodrome standards and recommended practices. Land Aerodromes." 5th edition, September 15th 2015. Last update: 01/15/2020
- CASA Part 139 (Aerodromes) Manual of Standards (MoS) 2019. Compilation No. 3, date: 13th March 2024.

Dispositivi / Devices:

LERE-C

**LED Elevated Runway Threshold, Edge and Runway End Light
with component improvements**

Costruttore / Manufacturer

ENERGY TECHNOLOGY S.r.l.

Via della solidarietà, 2/1 – 40056 Valsamoggia loc. Crespellano (BO) – ITALY

Questo certificato perde la sua validità dopo 7 anni dalla data di emissione, o in caso di modifiche al dispositivo che possano influire sulla conformità ai requisiti dello standard di riferimento.

This certificate shall be deemed to be void after 7 years from the issuing date or in case of modification to the device where this may affect conformity with the reference standard.

Questo certificato è composto da 2 (due) pagine

This certificate is composed by 2 (two) pages



Luogo: Valsamoggia (BO) Place	Firmato da: Mr. Francesco Gabrielli Signed by
Data: 10/10/2024 Date	Firma: Signature



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Following applicable Standards and relatives clauses have been taken in account for certification :

Name of Test	Applicable Standard	Standard Point	Results of Test
Dimensional Test	IEC/TS 61827	Paragraph 6.2	Complies
High Temperature	IEC/TS 61827	Paragraph 6.3.1.1	Complies
Low Temperature	IEC/TS 61827	Paragraph 6.3.1.2.2	Complies
Thermal Shock	IEC/TS 61827	Paragraph 6.3.2.2	Complies
Corrosion (Salt Spray)	IEC/TS 61827	Paragraph 6.3.3.2	Complies
Moisture	IEC/TS 61827	Paragraph 6.3.4	Complies
Solar Radiation	IEC/TS 61827	Paragraph 6.3.5	Complies
EMC	IEC/TS 61827	Paragraph 6.3.6	Complies
Jet Blasts	IEC/TS 61827	Paragraph 6.4.2.1	Complies
Frangibility	IEC/TS 61827	Paragraph 6.4.2.2	Complies
Dielectric Rigidity	IEC/TS 61827	Paragraph 6.5.1	Complies
Creepage and Clearance	IEC/TS 61827	Paragraph 6.5.2	Complies
Insulation Resistance	IEC/TS 61827	Paragraph 6.5.3	Complies
Electrical Shock	IEC/TS 61827	Paragraph 6.5.4	Complies
Photometry	IEC/TS 61827	Paragraph 6.6.1.1	Complies
	ICAO Annex 14 - Vol. I	-	Complies
	NATO STANAG 3316	-	Complies
	EASA CS-ADR-DSN	-	Complies
	CAA CAP168	-	Complies
	TCCA TP312	-	Complies
	CASA Part 139 MoS 2019	-	Complies
Chromaticity	IEC/TS 61827	Paragraph 6.6.2	Complies
	ICAO Annex 14 - Vol. I	-	Complies
	NATO STANAG 3316	-	Complies
	EASA CS-ADR-DSN	-	Complies
	CAA CAP168	-	Complies
	TCCA TP312	-	Complies
	CASA Part 139 MoS 2019	-	Complies
Accelerated Life	IEC/TS 61827	Paragraph 6.7.1.2	Complies
Standard Useful Lamp Life	IEC/TS 61827	Paragraph 6.7.2	Complies

Data di emissione di questo documento per determinare la scadenza: 10/10/2024

Certificate issue date in order to determine

expiration date: 10/10/2024

