



**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." 5<sup>th</sup> edition, September 15<sup>th</sup> 2015. Last update: 01/15/2020
- CASA Part 139 (Aerodromes) Manual of Standards (MoS) 2019. Compilation No. 3, date: 13<sup>th</sup> March 2024.

**Dispositivi / Devices:**

**LERA**

**LED Elevated Approach Centerline and Crossbars, Approach Side Row,  
Runway End, Stop Bar, Threshold and Threshold Wing Bar Light**

**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

Data: 10/10/2024  
Date

Firmato da: Mr. Francesco Gabrielli  
Signed by

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

