



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

**ATTESTATO DI ESAME DELLA CONFORMITA'  
CONFORMITY EXAMINATION CERTIFICATE**

**N° P9040/16/FC/fc rev.1**

**BUREAU VERITAS ITALIA a seguito di verifica di terza parte (rapporto di ispezione nr. P9035/16/FC/fc) attesta che il modello di seguito identificato, è stato esaminato secondo quanto previsto da:**

- ICAO Annex 14 "Aerodromes" Volume I Aerodrome design and operations. Eighth edition July 2018
- IEC TS 61827 "Electrical installations for lighting and beaconing of aerodromes – Characteristics of inset and elevated luminaires used on aerodromes and heliports." First edition dated 2004-05
- EASA CS-ADR-DSN Issue del 29/01/2015 – Certification specifications and guidance material for aerodromes design
- TCCA TP 312E, Aerodrome Standards and Recommended Practices (Canada). 5<sup>th</sup> Edition, September 15th 2015

**Following the third part inspection (inspection report nr. P9035/16/FC/fc), BUREAU VERITAS ITALIA attests that type identified hereunder has been examined against the provisions of:**

- ICAO Annex 14 "Aerodromes" Volume I Aerodrome design and operations. Eighth edition July 2018
- IEC TS 61827 "Electrical installations for lighting and beaconing of aerodromes – Characteristics of inset and elevated luminaires used on aerodromes and heliports." First edition dated 2004-05
- EASA CS-ADR-DSN Issue del 29/01/2015 – Certification specifications and guidance material for aerodromes design
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**Dispositivo / Device:**

**LERA**

**Elevated LED Approach, Threshold, Threshold Wing Bar and Runway End for ICAO CAT I, II and III and military runways. Used for Stop Bar lighting on ICAO taxiways.**

**Fabbricante  
manufacturer**

**ENERGY TECHNOLOGY S.r.l.**

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

Questo certificato perde la sua validità dopo 3 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 3 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: Padova  
*Place*

Data: 27/07/2016  
*Date*

Firmato da: Felice Cammara  
*Signed by*

Firma:   
*Signature*

**Punti dello standard presi in considerazione durante l'esame / Points of standard taken in account**

<b>TEST</b>	<b>TYPE</b>	<b>RESULTS</b>
Dimensional tests	6.2	Complies
High temperature	6.3.1.1	Complies
Low temperature	6.3.1.2.2	Complies
Thermal shock	6.3.2.2	Complies
Corrosion (salt spray)	6.3.3.2	Complies
Moisture	6.3.4	Complies – IP67
Solar radiation	6.3.5	Not Applicable
EMC	6.3.6	Complies
Jet blast	6.4.2.1	Complies
Frangibility	6.4.2.2	Complies
Dielectric rigidity	6.5.1	Complies
Creepage and clearance	6.5.2	Complies
Insulation resistance	6.5.3	Complies
Electrical shock	6.5.4	Not Applicable
Photometry	6.6.1.1 – ICAO Fig. A2-1, A2-2, A2-3, A2-8, A2-12	Complies
Chromaticity	6.6.2 – ICAO Fig. A1-1	Complies
Accelerated life	6.7.1.2	Complies
Standard useful lamp life	6.7.2	Not Applicable
Low temperature test AENA	A.3.1.1	Complies
EMC AENA	A.3.1.2	Complies
Intensity ratio AENA	A.3.1.3	Complies
High temperature AENA	A.3.1.4	Complies
Electrical parameters AENA	A.3.1.5	Complies
Monitoring AENA	A.3.1.6	Complies
Accelerated life AENA	A.3.1.8	Complies
Standard useful lamp life AENA	A.3.1.9	Complies
Flicker AENA	A.3.1.10	Complies
Photobiological safety AENA	A.3.1.11	Complies

Note riguardanti la presente rev.1:  
aggiornamento alle edizioni in vigore delle norme ICAO e TCCA

*Notes regarding this rev.1*  
*update to the current editions of the ICAO and TCCA standards*

Data di emissione di questo documento per determinare la scadenza: 27/07/2016  
Data di emissione della presente revisione 1: 13/05/2019

*Date of issuing of this document in order to determine the expiring date: 27/07/2016*  
*Date of issuing of revision 01: 13/05/2019*