



**BUREAU  
VERITAS**

**BUREAU VERITAS ITALIA S.p.A. Via Miramare, 15 – 20126 Milano**

**ATTESTATO DI ESAME DELLA CONFORMITA'  
CONFORMITY EXAMINATION CERTIFICATE  
N° P9039/16/FC/fc**

**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:**

- AENA DIN/DSEYN/PPT/015-06/12 "Pliego de prescripciones técnicas de Luces elevadas aeronáuticas de superficie de aproximación, umbral y extremo de pista." Edition 12/12/2012
- 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

**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:**

- AENA DIN/DSEYN/PPT/015-06/12 "Pliego de prescripciones técnicas de Luces elevadas aeronáuticas de superficie de aproximación, umbral y extremo de pista." Edition 12/12/2012
- 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

**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 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: 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
Monitorig 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