



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

**ATTESTATO DI ESAME DELLA CONFORMITA'**

**CONFORMITY EXAMINATION CERTIFICATE**

**N° TC919/2026/FC/fc rev.1**

**BUREAU VERITAS ITALIA a seguito di verifica di terza parte (rapporto di ispezione nr. TC911/26/FC/fc) attesta che il modello di seguito identificato, è stato esaminato secondo quanto previsto da:**

- 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
- AENA DIN/DSEYN/PPT/013-03/12 "Pliego de prescripciones técnicas de luces empotradas aeronáuticas de superficie de eje de pista e indicatoras de calle de salida rápida". Edition 13/09/2012

**Following the third part inspection (inspection report nr. TC911/26/FC/fc), 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 dated 2004-05
- AENA DIN/DSEYN/PPT/013-03/12 "Pliego de prescripciones técnicas de luces empotradas aeronáuticas de superficie de eje de pista e indicatoras de calle de salida rápida". Edition 13/09/2012

**Dispositivo / Device:**

**LIRC**

**LED Inset Runway Centerline, Rapid Exit Taxiway Indicator Light (R.E.T.I.L.) and Rapid Exit Centerline Light.**

**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.*

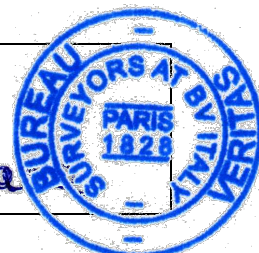
Questo certificato è composto da 2 (due) pagine/This certificate is composed by 2 (two) pages)

**Luogo: Padova**  
**Place**

**Data: 23/09/2026**  
**Date**

**Firmato da: Felice Cammara**  
**Signed by**

**Firma:**  
**Signature**



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

| TEST                                                                        | TYPE                      | RESULT   |
|-----------------------------------------------------------------------------|---------------------------|----------|
| Dimensional                                                                 | IEC (61827) par.6.2       | Complies |
| High temperature                                                            | IEC (61827) par.6.3.1.1   | Complies |
| Low temperature                                                             | IEC (61827) par.6.3.1.2.1 | Complies |
| Thermal shock                                                               | IEC (61827) par.6.3.2.1   | Complies |
| Corrosion (salt spray)                                                      | IEC (61827) par.6.3.3.1   | Complies |
| EMC                                                                         | IEC (61827) par.6.3.6     | Complies |
| Static Load                                                                 | IEC (61827) par.6.4.1.1   | Complies |
| Shear Load                                                                  | IEC (61827) par.6.4.1.2   | Complies |
| Mechanical impact                                                           | IEC (61827) par.6.4.1.3   | Complies |
| Hydraulic impact                                                            | IEC (61827) par.6.4.1.4   | Complies |
| Vibration                                                                   | IEC (61827) par.6.4.1.5   | Complies |
| Watertightness                                                              | IEC (61827) par.6.4.1.6.1 | Complies |
| Surface temperature                                                         | IEC (61827) par.6.4.1.7   | Complies |
| Dielectric rigidity                                                         | IEC (61827) par.6.5.1     | Complies |
| Creepage and clearance                                                      | IEC (61827) par.6.5.2     | Complies |
| Insulation resistance                                                       | IEC (61827) par.6.5.3     | Complies |
| Electrical shock                                                            | IEC (61827) par.6.5.4     | Complies |
| Photometry                                                                  | IEC (61827) par.6.6.1.1   | Complies |
| Chromaticity                                                                | IEC (61827) par.6.6.2     | Complies |
| Accelerated life                                                            | IEC (61827) par.6.7.1.1   | Complies |
| Standard useful lamp life                                                   | IEC (61827) par.6.7.2     | Complies |
| AENA LED Low Temperature                                                    | A.3.1.1                   | Complies |
| AENA LED EMC                                                                | A.3.1.2                   | Complies |
| AENA LED Intensity Ratio                                                    | A.3.1.3                   | Complies |
| AENA LED High Temperature luminions flux                                    | A.3.1.4                   | Complies |
| AENA LED Electrical parameters                                              | A.3.1.5                   | Complies |
| AENA LED Monitoring system                                                  | A.3.1.6                   | Complies |
| AENA LED Accelerated life                                                   | A.3.1.8                   | Complies |
| AENA LED Standard service life of lamp<br>(Light source service life)       | A.3.1.9.1                 | Complies |
| AENA LED Standard service life of lamp<br>(Light source colour maintenance) | A.3.1.9.2                 | Complies |
| AENA LED Flicker                                                            | A.3.1.10                  | Complies |

Data di emissione di questo documento per determinare la scadenza: 05/02/2026  
*Date of issuing of this document in order to determine the expiring date: 05/02/2026*

Il presente attestato sostituisce la precedente revisione P919/26/FC/fc  
*This certificate replaces the previous revision P919/26/FC/fc*