



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

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

N° TC966/26/FC/fc

BUREAU VERITAS ITALIA a seguito di verifica di terza parte (rapporto di ispezione nr. TC965/26/FC/fc) attesta che il modello di seguito identificato, è stato esaminato secondo quanto previsto da:

Following the third part inspection (inspection report nr. TC965/26/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
- ICAO Annex 14 Aerodromes Volume I "Aerodrome Design and Operations". Ninth edition, July 2022
- ICAO Doc 9157 Aerodrome Design Manual Part 4 - Visual Aids. Fifth Edition, 2021
- ICAO Doc 9157 AN/901 Aerodrome Design Manual Part 6 "Frangibility". First edition – 2006
- 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 7, 16 May 2025
- 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: 28/11/2024
- CASA Part 139 (Aerodromes) Manual of Standards 2019. Compilation No. 5. Compilation date: 12 June 2025

**Dispositivo / Device:
LED FLASHING SYSTEM
LED Approach Sequential Flashing Light, Runaway Threshold Identification
Light, Circular Guidance Light, composed by:**

FMCU: Flash Master Control Unit
FFU: Flash Field Unit
LIFL: Led Inset Flashing Light
LEFL: Led Elevated Flashing 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 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: 05/02/2026

**Firmato da: Felice Cammaro
Signed by**

Firma:



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 & par.6.3.1.2.2	Complies
Thermal shock	IEC (61827) par.6.3.2.1 & par.6.3.2.2	Complies
Corrosion (salt spray)	IEC (61827) par.6.3.3.1 & par.6.3.3.2	Complies
Moisture	IEC (61827) par. 6.3.4	Complies
Solar radiation	IEC (61827) par. 6.3.5	Not applicable
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
Jet blast	IEC (61827) par. 6.4.2.1	Complies
Frangibility	IEC (61827) par. 6.4.2.2	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 & par. 6.7.1.2	Complies
Standard useful lamp life	IEC (61827) par. 6.7.2	Complies

The above tests are deemed to be performed only on the parts of the system required by the standards

(*): In case of inset lights (LIFL) the photometric requirements are achieved with two units.

(**): in case of CASA MoS standard for elevated light (LEFL) the photometric requirements are achieved with two units.

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