



**BUREAU
VERITAS**

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

**ATTESTATO DI ESAME DELLA CONFORMITA'
CONFORMITY EXAMINATION CERTIFICATE
N° P14002/14/MC/mc rev. 3**

BUREAU VERITAS ITALIA a seguito di verifica di terza parte (rapporto di ispezione nr. P21005/14/MS/ms) 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 ICAO Annex 14 "Aerodromes" Volume I Aerodrome design and operations. Eighth edition July 2018 TCCA TP 312E, Aerodrome Standards and Recommended Practices. 5th Edition, September 15th 2015
- EASA CS-ADR-DSN Issue del 29/01/2015 – Certification specifications and guidance material for aerodromes design
- CASA - Manual of Standards Part 139 - Aerodromes. Version 1.13 March 2016.

Following the third part inspection (inspection report nr. P21005/14/MS/ms), 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. Eighth edition July 2018 TCCA TP 312E, Aerodrome Standards and Recommended Practices. 5th Edition, September 15th 2015
- EASA CS-ADR-DSN Issue dated 29/01/2015 – Certification specifications and guidance material for aerodromes design
- CASA - Manual of Standards Part 139 - Aerodromes. Version 1.13 March 2016.

**Dispositivo / Device:
LIRE
LED Inset Runway edge 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: 13/05/2019
Date

Firmato da: Felice Cammara
Signed by

Firma
Signature



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

TESTS	TYPE	RESULTS
<i>Dimensional</i>	6.2	<i>Complies</i>
<i>High temperature</i>	6.3.1.1	<i>Complies</i>
<i>Low temperature</i>	6.3.1.2.1	<i>Complies</i>
<i>Thermal shock</i>	6.3.2.1	<i>Complies</i>
<i>Corrosion</i>	6.3.3.1	<i>Not applicable</i>
<i>EMC</i>	6.3.6	<i>Complies</i>
<i>Static load</i>	6.4.1.1	<i>Complies</i>
<i>Shear load</i>	6.4.1.2	<i>Complies</i>
<i>Mechanical impact</i>	6.4.1.3	<i>Complies</i>
<i>Hydraulic impact</i>	6.4.1.4	<i>Complies</i>
<i>Vibration</i>	6.4.1.5	<i>Complies</i>
<i>Waterlightness</i>	6.4.1.6.1	<i>Complies</i>
<i>Surface temperature</i>	6.4.1.7	<i>Complies</i>
<i>Dielectric rigidity</i>	6.5.1	<i>Complies</i>
<i>Creepage and clearance</i>	6.5.2	<i>Complies</i>
<i>Insulation resistance</i>	6.5.3	<i>Complies</i>
<i>Electrical shock</i>	6.5.4	<i>Not applicable</i>
<i>Photometry</i>	6.6.1.1 - ICAO Fig.A2-9, A2-10	<i>Complies</i>
<i>Chromaticity</i>	6.6.2	<i>Complies</i>
<i>Accelerated life</i>	6.7.1.1	<i>Complies</i>
<i>Standard useful lamp life</i>	6.7.2	<i>Not applicable</i>

Note riguardanti la presente rev.3:

- aggiornamento alle edizioni in vigore delle norme ICAO e TCCA;
- La conformità è stata verificata sia con cavo FAA L-823 Style 6 sia con cavo FAA L-823 Style 1;
- aggiornamento della sede legale

Notes regarding this rev.3

- update to the current editions of the ICAO and TCCA standards
- The compliance has been verified with both cable FAA L-823 Style 6 and cable FAA L-823 Style 1
- update of the registered office

Data di emissione di questo documento per determinare la scadenza: 14/02/2014

Data di emissione della presente revisione 3: 13/05/2019

Date of issuing of this document in order to determine the expiring date : 14/02/2014

Date of issuing of revision 03: 13/05/2019