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

ATTESTATO DI ESAME DELLA CONFORMITA'

CONFORMITY EXAMINATION CERTIFICATE

N° P14017/14/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**
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- **CASA - Manual of Standards Part 139 - Aerodromes. Version 1.13 March 2016.**

Dispositivo / Device:

LIRD
LED Inset Touchdown zone 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***
Dimensional	*6.2*	*Complies*
High temperature	*6.3.1.1*	*Complies*
Low temperature	*6.3.1.2.1*	*Complies*
Thermal shock	*6.3.2.1*	*Complies*
Corrosion	*6.3.3.1*	*Not applicable*
EMC	*6.3.6*	*Complies*
Static load	*6.4.1.1*	*Complies*
Shear load	*6.4.1.2*	*Complies*
Mechanical impact	*6.4.1.3*	*Complies*
Hydraulic impact	*6.4.1.4*	*Complies*
Vibration	*6.4.1.5*	*Complies*
Waterlightness	*6.4.1.6.1*	*Complies*
Surface temperature	*6.4.1.7*	*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.A2-5,*	*Complies*
Chromaticity	*6.6.2*	*Complies*
Accelerated life	*6.7.1.1*	*Complies*
Standard useful lamp life	*6.7.2*	*Not applicable*

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