



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

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

N° P9016/19/FC/fc

BUREAU VERITAS ITALIA a seguito di verifica di terza parte (rapporto di ispezione nr. P9015/19/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
- ICAO Annex 14 "Aerodromes" Volume I Aerodrome design and operations. Eighth edition July 2018
- EASA CS-ADR-DSN Issue 2 del 29/01/2015 Certification Specification and Guidance Material for Aerodromes Design.
- TCCA TP312E "Aerodrome" standards and recommended practices. 5th Edition, September 15th 2015
- CASA – Manual of Standard Part 139 – Aerodromes. Versions 1.13 March 2016

Following the third part inspection (inspection report nr. P9015/19/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. Eighth edition July 2018
- EASA CS-ADR-DSN Issue 2 dated 29/01/2015 Certification Specification and Guidance Material for Aerodromes Design.
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Dispositivo / Device:

LIRA

Approach (centreline and crossbars) and approach side row barrettes 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 (vedi pag.2) 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 (see page 2) from the issuing date or in case of modification to the device where this may affect conformity with the reference standard.

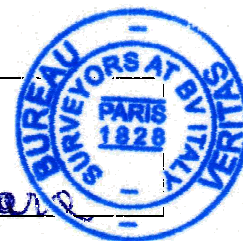
Questo certificato è composto da 2 (due) pagine/This certificate is composed by 2 (two) pages)

Luogo: Padova
Place

Data: 24/09/2019

Firmato da: Felice Cammara
Signed by

Firma:



Date

Signature

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

TESTS	TYPE (IEC)	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 A2-1, A2-2	<i>Complies</i>
<i>Chromaticity</i>	6.6.2 ICAO A1-1	<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>

Il presente attestato annulla e sostituisce l'attestato P9036/16/FC/fc rev.1 per aggiornamento alle edizioni in vigore delle norme ICAO, TCCA, IEC e CASA.
Scadenza del presente documento: 14/02/2021

*This certificate cancels and replaces the certificate P9036/16/FC/fc rev.1 for updating to the editions in force of the ICAO, TCCA, IEC and CASA standards.
Expiry of this document: 02/14/2021*