



BUREAU
VERITAS

CERTIFICATE OF CONFORMITY

To ICAO Annex 14 – Fifth Edition – Current edition
(Standards and recommended practices)

To ICAO Aerodrome Design Manual - Part 4

To IEC TS 61827

To AENA specification DIN/DSEYN/PPT/018

**Products: AD Lights type DTS/DTC xxxxxxxxxx Low Protrusion
Green, Yellow and Red**

Manufactured by ADB

Applications: LED Low Protrusion Taxiway Centre Line High Intensity Bi/Uni-directional Inset lights, Runway turn pad lights, Stop Bar lights, Intermediate holding position lights, De-icing/anti-icing facility exit lights and Aircraft stand manoeuvring guidance lights

- were found in conformity with:

- the catalogue sheet A.04.520
- the ICAO Annex 14 – Volume I - §5.3.16 ; 5.3.18; 5.3.19; 5.3.20; 5.3.21 & 5.3.26 for light output
- IEC TS 61827 "Electrical installations for lighting and beaconing of aerodromes- Characteristics of inset and elevated luminaires used on aerodromes and heliports"
- AENA specification DIN/DSEYN/PPT/018

- Date of inspection: **November 12th, 2013.**

- and have been, upon request of:

ADB

Leuvensesteenweg, 585
B – 1930 ZAVENTEM - BELGIUM

- inspected in conformity with the applicable requirements of

- the catalogue sheets A. 04.520
- the ICAO Annex 14 – Volume I - §5.3.16 ; 5.3.18; 5.3.19; 5.3.20; 5.3.21 & 5.3.26 for light output
- IEC TS 61827
- AENA specification DIN/DSEYN/PPT/018



Issued at Antwerp, **November 12th, 2013**

Rudi Vandembemt
Inspector Industry
BUREAU VERITAS ANTWERP

This certificate is only valid for a period of 5 years from the issuance date, as far as no changes of production process, equipment characteristics nor of applicable requirements occurs during this period of validity



Particulars of inspection: detailed hereafter

The following survey operations have been carried out without noticeable remark:

- Attendance to tests at the Laboratory premises of the manufacturer:
 - Examination of test equipment
 - Checking of installation of units before testing
 - Attendance to photometric tests per applicable procedures and method
 - Attendance to the Colorimetric tests per applicable procedure & method
 - Attendance to the Static Load test
 - Attendance to the Surface Temperature test
 - Attendance to the Gas Tightness test
- Test results are detailed in the attached test records.

CONCLUSION

Taking into account the satisfactory results of actual tests and examinations we confirm that the manufacturing and the test results for the above specified units are in conformity with applicable standards, specifications and data sheets.

(Details of standards and specifications are indicated on page 1 of this certificate and data sheet as per catalogue).

ENCLOSURE

Test records of testing which have been attended, duly stamped for identification by BUREAU VERITAS:

Test reports include:

- Results of intensity values inside the beam
- Isocandela curves
- Colorimetry
- Gas tightness test
- Static load test
- Surface temperature test



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