



DECLARATION OF CONFORMITY

Manufacturer's declaration about conformity of ADB SAFEGATE products to aerodrome requirements

We herewith declare that the following product(s)

RELIANCE Elevated Approach Centerline and Crossbars light (White)
RELIANCE Elevated Approach Side Row light (Red)
RELIANCE Elevated Threshold and Threshold Wingbar light (Green)
RELIANCE Elevated Runway End light (Red)
RELIANCE Elevated Stop Bar light (Red)

- have been developed by ADB SAFEGATE,
- are in compliance with the following standards, documents and their respective requirements:
 - ICAO Annex 14, Vol. 1 - Aerodrome Design and Operations, 8th Edition/2018,
 - EASA CS-ADR-DSN Issue 4/2017, §CS ADR-DSN.M.,
 - NATO STANAG 3316 AATMP-07 STD, Edition A Version 1/2018,
 - Catalogue sheet "DS-4001_v3.0".

The following survey operations have been carried out at an ISO 17025 accredited laboratory without noticeable remarks:

- Examination of test equipment,
- Checking of installation of units before testing,
- Colorimetric tests per applicable procedure & method,
- Photometric tests per applicable procedures and method,
 - Results of intensity values inside the beam,
 - Isocandela curves,
- Test report "MTt9P03997-2rev1 Testing of photometric properties of RELIANCE runway lights".
- Appendix 1 : summary of testing

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

This document supersedes DC20191015-01_RELIANCE Elevated Lights.

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Summary of testing of photometric properties of runway lights

Rev. 1 Corrected document number in Header.

Test object	Test report	Measurement date
RELIANCE-EAPS2WN00MI4000 White	MTt9P03997-2rev1	15 October 2019
RELIANCE-EAPS2RN00SI0000 Red	MTt9P03997-2rev1	15 October 2019
RELIANCE-ETHS2GN00MI0000 Green	MTt9P03997-2rev1	15 October 2019
RELIANCE-EENS2RN00MI0000 Red	MTt9P03997-2rev1	15 October 2019
RELIANCE-ETSS2RN00MI0000 Red	MTt9P03997-2rev1	15 October 2019

RISE Research Institutes of Sweden is accredited for photometric testing against ICAO Annex 14 *Aerodromes*, Volume I, July 2018.

Summary of results

Object	Test scope ICAO Annex 14 <i>Aerodromes</i> , Volume I, July 2018	Test result
RELIANCE-EAPS2WN00MI4000 White	Approach Centreline and Crossbars light Colour: Figure A1-1b Luminous intensity: Figure A2-1	Pass
RELIANCE-EAPS2RN00SI0000 Red	Approach Side Row light Colour: Figure A1-1b Luminous intensity: Figure A2-2	Pass
RELIANCE-ETHS2GN00MI0000 Green	Threshold light and Threshold Wingbar light Colour: Figure A1-1b Luminous intensity: Figure A2-3 and A2-4	Pass
RELIANCE-EENS2RN00MI0000 Red	Runway End light Colour: Figure A1-1b Luminous intensity: Figure A2-8	Pass
RELIANCE-ETSS2RN00MI0000 Red	Stop Bar light Colour: Figure A1-1b Luminous intensity: Figure A2-12, A2-13, and A2-14	Pass

RISE Research Institutes of Sweden AB Measurement Science and Technology - Time and Optics

Performed by



Mikael Lindgren

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