VERIFICATION CERTIFICATE

C901263

Aerodrome lights

Issued to

ADB Safegate BV

Leuvensesteenweg 585, BE-1930 ZAVENTEM, Belgium

Product name

RELIANCE 2 Runway End light (Red)

Certificate

The product(s) described in this certificate have been type-examined by RISE with regard to the **chromaticity coordinates and luminous intensity** distribution and found to fulfil the requirements specified below. The type examination is presented in full in test reports 105105-1288145-8 dated 2024-12-18

Product description and specification

Products tested:

- RELIANCE 2 - LSRN322SxNRxxx01

Note: x indicates variants without impact on photometry or chromaticity characteristics

Requirements:

Standard	The chromaticity coordinates have been measured in accordance with the requirements in:	The luminous intensity has been measured in accordance with:
ICAO Annex 14 Aerodromes, Volume I, Ninth Edition, July 2022	Appendix 1, Section 2.1 Chromaticities for aeronautical ground lights (solid state-type light sources).	Appendix 2 Aeronautical ground light characteristics, Figure A2-8
European Aviation Safety Agency - Certification Specifications and Guidance Material for Aerodromes Design, Issue 6, March 2022	Section U.930(d), Figure U-1B, Colours for aeronautical ground lights (solid state lighting)	U.940 – Aeronautical ground light characteristics, Figure U-12
Australian Government, Civil Aviation Safety Authority Part 139 (Aerodromes) Manual of Standards 2024	Section 9.15, Chromaticity for solid state (LED) lights	Section 9.75 Isocandela diagrams of runway lighting, Figure 9.75 (7)
TP312 Aerodrome Standards and Recommended Practices Land Aerodromes, 5th Edition, September 2015 (Canada)	Appendix 5A, Section 1.3.1, Colours for Aeronautical Ground Lights	Appendix 5B Aeronautical Ground Light Characteristics, Figure B-8
NATO STANAG 3316 AATMP-07 STD Edition A Version 1/2018	Section 8.3 Colours of Lights, Signs and Panels.	Chapter 4.3 Runway End Lights
Civil Aviation Authority CAP168 Licensing of Aerodromes, Edition 12, January 2022 (United Kingdom)	Appendix 6A.5 Aeronautical ground lighting characteristics	Appendix 6A Aeronautical ground lighting characteristics, Figure 6A8
AENA DIN/DSEYN/PPT/010 (2012) (Spain)	DIN/DSEYN/PPT/010-03/12, which refers to BOE 178 FOM/2086/2011, Appendix 1	DIN/DSEYN/PPT/010-03/12, which refers to BOE 178 FOM/2086/2011, Appendix 2, Figure A2-8

Validity

This certificate is valid until not later than 2029-12-19. The validity of this certificate can be verified by RISE.

Miscellaneous

Other terms and conditions are set out in RISE certification rules for type-examination,

Martin Tillander

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