# VERIFICATION CERTIFICATE

C900441

# Aerodrome lights

**Issued to**

## ADB Safegate BV

Salyxlaan 9100, 1830 Machelen, Belgium

**Product name**

RELIANCE 2 Taxiway Centerline narrow beam – LSTC
RELIANCE 2 Taxiway Centerline curved beam – LSTK
RELIANCE 2 Enhanced Taxiway Centerline for Rapid Exit wide beam – LSTR
RELIANCE 2 Taxiway Centerline wide beam – LSTW

**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 105105-1150730-1rev1 dated 2026-06-03 and 105105-1169673-1rev1 dated 2026-06-11. The similarity between Rxxx and Lxxx is verified in test report 105105-1187064-2rev1 dated 2026-06-05.

**Product description and specification**

**Products tested:**

- LSTC30xxxNFYxxx1
- LSTR30xxxNFYxxx1
- LSTx30xxxNGGxxx1
- LSTK30xxxCFYxxx1
- LRSTW30xxxNFYxxx1
- LSTx30xxxNBBxxx1 (Chromaticity only*)

Note 1: x indicates variants without impact on photometry or chromaticity characteristics.

Note 2: * no standard requirements for Blue LED photometry

**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). | ICAO-I, Appendix 2 Aeronautical ground light characteristics |
| European Aviation Safety Agency - Certification Specifications and Guidance Material for Aerodromes Design, Issue 7, 16 May 2025 | Chapter U.930(d), Figure U-1B, Colours for aeronautical ground lights (solid state lighting) | U.940 – Aeronautical ground light characteristics |
| Australian Government - Part 139 (Aerodromes) Manual of Standards 2019, Compilation no. 5 (12 June 2025) | Chapter 9.15, Chromaticity for solid state (LED) lights | Section 9.111 Isocandela diagrams for taxiway lights |
| 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, |
| NATO STANAG 3316 AATMP-07 STD Edition A Version 1/2018 | Section 8.3 Colours of Lights, Signs and Panels | Chapter 5 Taxiway Lighting |
| UK Civil Aviation Authority CAP168 Licensing of Aerodromes, Edition 13, July 2025 (United Kingdom) | Appendix 6A Aeronautical ground lighting characteristics | Appendix 6A Aeronautical ground lighting characteristics, |
| AENA DIN/DSEYN/PPT/XXX where XXX is one of: 010, 011, 012, 013, 015, 016, 017, 018, or 022 (2012) (Spain) | 018-03/12 TECHNICAL PRESCRIPTIONS (P.P.T.) FOR TAXIWAY CENTERLINE AND STOP BAR INSET LIGHTS | |

**Validity**

This certificate is valid until not later than 2031-07-01. 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, SPCR 123.

Martin Tillander

Certificate C900441 | issue 2 | 2026-07-01

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