

Aerodrome lights

Issued to

ADB Safegate BV

Salyxlaan 9100, 1830 Machelen, Belgium

Product name

ADAL Taxiway centreline light/Stopbar light (Green/Red and Yellow/Red)

ADAL Taxiway centreline light (Green/Yellow and Green/Yellow)

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 report 105105-1370851-1 dated 2026-06-25.

Product description and specification

Products tested:

- RSAR30xxx(N/W)(F/Y/N)(F/Y/N)Rxx1
- RSAR30xSxC(F/Y/N)(F/Y/N)Rxx1
- RSAY30xxx(N/W)(F/Y/N)(F/Y/N)Rxx1
- RSAY30xSxC(F/N)(F/N)Rxx1

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, Figures A2-12, A2-13, A2-14
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, Figures U-16, U-17, U-18
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 9.100 Isocandela diagrams for taxiway lights, Figure 9.111 (3-5)
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, Figures B-12, B-13, B-14
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, Figure 6A.12-14
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, which refers to BOE 178 FOM/2086/2011, Appendix 1	018-03/12, which refers to BOE 178 FOM/2086/2011, Chapter 5, Figure A2-12, A2-13, A2-14 (missing from document)

Validity

This certificate is valid until not later than 2031-06-30. 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

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