

Aerodrome lights

Issued to

ADB Safegate BV

Salyxlaan 9100, 1830 Machelen, Belgium

Product name

AXON Triple Line Taxiway Centreline curved beam – RS3C

AXON Triple Line Taxiway Centreline narrow beam – RS3N

AXON Triple Line Taxiway Centreline wide beam – RS3W

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 105105-1354736-1 dated 2026-04-23.

Product description and specification

Products tested:

- RS3C40xxx(C/L/R)(F/B/A/N)(F/B/A/N)xxx1
- RS3N40xxxN(F/B/A)(F/B/A/N)xxx1
- RS3W40xxxN(F/B/A)(F/B/A/N)xxx1

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, 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, Civil Aviation Safety Authority Part 139 (Aerodromes) Manual of Standards 2025	Chapter 9.15, Chromaticity for solid state (LED) lights	Section 9.43 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
Civil Aviation Authority CAP168 Licensing of Aerodromes, Edition 13, July 2025 (United Kingdom)	Appendix 6A.5 Aeronautical ground lighting characteristics	Appendix 6A Aeronautical ground lighting characteristics, Figures 6A.12, 6A.13, 6A.14
AENA, DIN/DSEYN/PPT/010-03/12, which refers to BOE 178 FOM/2086/2011	Appendix 1	Appendix 2, Figures A2-12, A2-13, A2-14 (missing from document)

Note: the intensity ratios and chromaticity for the Amber colour are specific ADB Safegate requirements, while all remaining requirements follow the standards listed in the table.

Validity

This certificate is valid until not later than 2031-04-28. 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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