VERIFICATION CERTIFICATE

C901255

Aerodrome lights

Issued to

ADB Safegate BV

Salyxlaan 9100, 1830 Machelen, Belgium

Product name

AXON Elevated Runway End light (Red)
AXON Elevated Runway Threshold, Threshold End light (Green/Red)
AXON Elevated Runway Threshold Wingbar light (Green)

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 105105-1288145-3rev1 dated 2026-06-16.

Product description and specification

Products tested:

a) AXON ARN3x(G/P)NRx0xxxxxxx1 Elevated Runway End light (Red)
b) AXON ART3x(G/P)xFR0xxxxxxx1 Elevated Treshold/End light (Green/Red)
c) AXON ARW3x(G/P)NFN0xxxxxxx1 Elevated Threshold Wingbar light (Green)

Note 1: 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: a-b) A2-3, A2-8 c) A2-4
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: a-b) U-7, U-12 c) U-8
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 9.75 Isocandela diagrams of runway lighting, Figures: a-b) 9.75 (5) and 9.75 (7) c) 9.75 (6)
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: a-b) B-3, B-8 c) B-4
NATO STANAG 3316 AATMP-07 STD Edition A Version 1/2018	Section 8.3 Colours of Lights, Signs and Panels	Chapter 4 Runway Lighting
UK 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: a-b) 6A.3, 6A.8 c) 6A.4
AENA DIN/DSEYN/PPT/XXX where XXX is one of: 010, 011, 012, 013, 015, 016, 017, 018, or 022 (2012) (Spain)	015-06/12, which refers to BOE 178 FOM/2086/2011, Appendix 1	015-06/12, which refers to BOE 178 FOM/2086/2011, Appendix 2, Figures: a-b) A2-3, A2-8 c) A2-4

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

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