

Aerodrome lights

Issued to

ADB Safegate BV

Leuvensesteenweg 585, BE-1930 ZAVENTEM, Belgium

Product name

AXON Elevated Stopbar 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 105105-1288145-4 dated 2024-12-19.

Product description and specification

Products tested:

- AXON ASB30(G/P)NRN0xxxxxxx1 Elevated Stop Bar light Straight (Red)
- AXON ASC30(G/P)NRN0xxxxxxx1 Elevated Stop Bar light Curved (Red)

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, A2-14 |
| 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, Figures U-16, U-18 |
| 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, Figures 9.111 (3) and (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, Figure B-12 |
| 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 12, January 2022 (United Kingdom) | Appendix 6A.5 Aeronautical ground lighting characteristics | Appendix 6A Aeronautical ground lighting characteristics, Figure 6A.12 |

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

Certificate 901256 | issue 1 | 2024-12-19

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