

Aerodrome lights

Issued to

ADB Safegate BV

Leuvensesteenweg 585, BE-1930 ZAVENTEM, Belgium

Product name

RELIANCE Taxiway Edge Inset (blue)

AXON Taxiway Edge Inset (blue)

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- 1271502-1, dated 2024-06-20, 105105-1288145-1 dated 2024-12-05 and 105105-2P05380-rev2 dated 2024-12-13.

Product description and specification

Products tested:

- RELIANCE RSTE1x1P* Taxiway Edge Omnidirectional Light - 8" (Blue)
- RELIANCE RSTE1x2P* Taxiway Edge Omnidirectional Light - 12" (Blue)
- RELIANCE RSTE1x1S* Taxiway Edge Omnidirectional Light - 8" (Blue)
- RELIANCE RSTE101S3NBNSx21 - Taxiway Edge Omnidirectional Light - 8" (Blue)

The tests are also valid for:

- AXON RSTE1x1Px Taxiway Edge Omnidirectional Light - 8" (Blue)
- AXON RSTE1x2Px Taxiway Edge Omnidirectional Light - 12" (Blue)

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, Section 5.3.18.7 - 8 Taxiway edge lights
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)	Chapter M, Section 720 c) Taxiway Edge Lights
Australian Government, Civil Aviation Safety Authority Part 139 (Aerodromes) Manual of Standards 2024	Section 9.15, Chromaticity for solid state (LED) lights	Section §9.93, Characteristics of taxiway edge 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, Section 1, Photometric Requirements for Medium Intensity Lights and Taxiway Edge Lights
NATO STANAG 3316 AATMP-07 STD Edition A Version 1/2018	Section 8.3 Colours of Lights, Signs and Panels.	Chapter 5.1 Taxiway Lighting

Validity

This certificate is valid until not later than 2027-12-22. 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. The certificate was originally issued on 2021-06-28. This issue replaces all earlier issues.



Martin Tillander

Certificate 900404 | issue 3 | 2024-12-16

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