

## DECLARATION OF CONFORMITY

### Manufacturer's declaration about conformity of ADB Safegate lights to aerodromes requirements.

We herewith declare that the following product(s):

#### **RELIANCE Inset Taxiway Edge Light,**

Omnidirectional, Blue

#### **RELIANCE Inset Aircraft Stand Manoeuvring Guidance Light,**

Omnidirectional, Red/Yellow

- have been developed by ADB Safegate,
- are in compliance with the following standards and their respective requirements:
  - ICAO Annex 14 Aerodrome Standards and Recommended Practices - ASRP Vol 1 - Aerodrome Design And Operations,
  - EASA - Certification Specifications Aerodromes Design - CS-ADR-DSN Issue 4/2017,
  - TCCA CAR Part 3 TP312 - Aerodrome Standards and Recommended Practices (Canada) 5<sup>th</sup> Edition/2015,
  - CASA Manual Of Standards -MOS Part 139 (Australia) version 1.14/2017,
  - NATO STANAG 3316 AATMP-07 STD - Airfield Lighting Edition A Version1 /2018.
  - Their respective catalogue sheets.

The following survey operations have been carried out at an ISO17025 accredited laboratory without noticeable remarks:

- Examination of test equipment,
- Checking of installation of units before testing,
- Colorimetric tests per applicable procedure and method.
- Photometric tests per applicable procedures and method,
  - Results of intensity values inside the beam,
  - Isocandela curves.
- Test reports:
  - 105105-2P05380-1 Testing of photometric properties of Taxiway Edge lights ;
  - 105105-2P05380-2 Testing of photometric properties of Aircraft Stand lights
- Appendix 1 & 2: summary of testing



Taking into account the satisfactory results of actual tests and examinations, we confirm that the manufacturing and the test results for the above specified units are in conformity with applicable standards, specification and data sheets.

Issued in Zaventem – Belgium by ADB Safegate by  
September 25, 2020

  
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 105105-2P05380-6

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## Summary of testing of photometric properties of Taxiway Edge lights

Test object	Test report	Report date
RITEP1*	105105-2P05380-1	18 September 2020
RITEP2*	105105-2P05380-1	18 September 2020
RITES*	105105-2P05380-1	18 September 2020

RISE Research Institutes of Sweden is accredited for photometric testing against ICAO Annex 14 *Aerodromes*, Volume I, July 2018.

### Summary of results

Object	Test scope ICAO Annex 14 <i>Aerodromes</i> , Volume I, July 2018	Test result
RITEP1*	Taxiway Edge Omnidirectional Light Colour: Figure A1-1b Luminous intensity: §5.3.18.7 – 8	Pass
RITEP2*	Taxiway Edge Omnidirectional Light Colour: Figure A1-1b Luminous intensity: §5.3.18.7 – 8	Pass
RITES*	Taxiway Edge Omnidirectional Light Colour: Figure A1-1b Luminous intensity: §5.3.18.7 – 8	Pass

## RISE Research Institutes of Sweden AB Measurement Science and Technology - Time and Optics

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## Summary of testing of photometric properties of Aircraft Stand lights

Test object	Test report	Report date
RIAMP1*	105105-2P05380-2	18 September 2020

RISE Research Institutes of Sweden is accredited for photometric testing against ICAO Annex 14 *Aerodromes*, Volume I, July 2018.

### Summary of results

Object	Test scope	Test result
	ICAO Annex 14 <i>Aerodromes</i> , Volume I, July 2018	
RIAMP1* Red	Aircraft Stand Manoeuvring Guidance Light Colour: Figure A1-1b Luminous intensity: §5.3.27.5	Pass
RIAMP1* Yellow	Aircraft Stand Manoeuvring Guidance Light Colour: Figure A1-1b Luminous intensity: §5.3.27.3	Pass

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