

DECLARATION OF CONFORMITY

**Subject: FFL-1-120, FCU; Lead-in, Approach and/or RTILS
Capacitor Discharge Flashing
Inset Light & control cabinet, White
Manufactured by ADB Safegate bvba, Zaventem**

The undersigned declares that following flashing inset light is found in conformity with:

- the catalogue sheet "A.02.620e FCU, UEL, FFL"
- the ICAO Annex 14 – Volume I - Approach lighting systems, section 5.3.4, in particular 5.3.4.34 and 5.3.4.35
- the ICAO Annex 14 – Volume I - Runway lead-in lighting systems, section 5.3.7
- the ICAO Annex 14 – Volume I - Runway Threshold Identification Lights (RTIL), section 5.3.8
- the EASA Certification Specifications Aerodromes Design, Chapter CS ADR-DSN.M.635 Precision approach Category II and III lighting system
- the EASA Certification Specifications Aerodromes Design, Chapter CS ADR-DSN.M.665 Runway lead-in lighting systems
- the EASA Certification Specifications Aerodromes Design, Chapter CS ADR-DSN.M.670 Runway threshold identification lights
- the TP312 Aerodrome Standards and Recommended Practices (Canada), Chapter 5.3.5 Approach Lighting System, in particular 5.3.5.88 and 5.3.5.89
- the TP312 Aerodrome Standards and Recommended Practices (Canada), Chapter 5.3.10 Runway Threshold Identification Lights (RTIL)
- the TP312 Aerodrome Standards and Recommended Practices (Canada), Chapter 5.3.19 Runway Lead-In Lighting System (LDIN)
- the Manual Of Standards 139 (Australia), Chapter 9.7.3 Precision Approach Categories II and III Lighting System, in particular 9.7.3.14
- the Manual Of Standards 139 (Australia), Chapter 9.10.15.6 Runway Threshold Identification Lights
- the chromaticity according to ICAO Annex 14 Appendix 1 fig A1-1a
- the chromaticity according to EASA CS ADR-DSN Chapter U fig. U1
- the chromaticity according to TP312 Appendix 5A, fig. A-1(a)
- the chromaticity according to MOS139 Section 9.2 fig. 9.2-1

The following survey operations have been carried out without noticeable remarks:

- Execution of photometry and chromaticity measurements at an ISO17025 Laboratory:
 - Examination of test equipment
 - Checking of installation of units before testing
 - Photometric tests per applicable procedures and method
 - Colorimetric tests per applicable procedure & method
- Test results are detailed in the attached test records.

Photometric test reports: **See report MTt7P06431-1**

- Results of intensity values inside the beam
- Isocandela curves
- Colorimetry

Conclusion

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
On November 17th, 2017

by ADB Safegate bvba



Alain MORTIER
Director Quality Management