



# Certificate of Conformity

RECEIVER: aena aeroportos

BENEFICIARY: ADB Safegate Sweden AB  
Djurhagegatan 19  
213 76 Malmö, Sweden

DESCRIPTION OF GOODS: SafeLED 12" Inset fixtures for Approach centerline, Approach Siderow, Runway Wingbar, Runway Threshold, Runway End  
SafeLED 12" Inset fixtures for Runway Edge  
Manufactured by ADB Safegate Group

FIXTURE: SafeLED AC-I, SafeLED AS-I, SafeLED RW-I, SafeLED RT-I, SafeLED RN-I, SafeLED RTN-I, SafeLED RE-I.

PLACE & DATE OF INSPECTION: ADB Safegate Sweden AB  
Djurhagegatan 19  
213 76 Malmö, Sweden  
23<sup>rd</sup> of January 2017

METHOD OF INSPECTION: Visual examination for identification of test reports referred to in:  
DIN/DSEYN/PPT/010-03/12 EN, Dated 2012-11-30  
TECHNICAL SPECIFICATIONS FOR APPROACH SURFACE, THRESHOLD AND RUNWAY END AERONAUTICAL INSET LIGHTS  
DIN/DSEYN/PPT/011-03/12 EN, Dated 2012-11-30  
TECHNICAL SPECIFICATIONS FOR RUNWAY EDGE AERONAUTICAL INSET LIGHTS

FINDINGS: The following test reports were found during the inspection: Reference:

DIN/DSEYN/PPT/010-03/12 EN, Dated 2012-11-30, Technical specifications for approach surface, threshold and runway end aeronautical inset lights.  
DIN/DSEYN/PPT/011-03/12 EN, Dated 2012-11-30, Technical specifications for runway edge aeronautical inset lights.

6.2	Dimensional test	102228190CRT-001 L850 A,B,C,T
6.3.1.1	High Temperature	102228190CRT-001 L850 A,B,C,T
6.3.1.2.1	Low Temperature	102228190CRT-001 L850 A,B,C,T
6.3.2.1	Thermal shock	102228190CRT-001 L850 A,B,C,T
6.3.3.1	Corrosion (salt spray)	4P07906-01 A 4P07906-01 B
6.3.6	EMC	102228190MIN-019
6.4.1.1	Static Load	102228190CRT-001 L850 A,B,C,T
6.4.1.2	Shear Load	102228190CRT-001 L850 A,B,C,T
6.4.1.3	Mechanical Impact	102228190CRT-001 L850 A,B,C,T
6.4.1.4	Hydraulic Impact	102228190CRT-001 L850 A,B,C,T
6.4.1.5	Vibration	102228190CRT-001 L850 A,B,C,T

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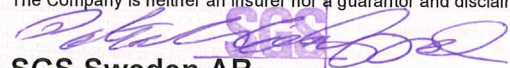


6.4.1.6.1	Watertightness	102228190CRT-001 L850 A,B,C,T
6.4.1.7	Surface Temperature	102228190CRT-001 L850 A,B,C,T
6.5.1	Dielectric rigidity	13007 LVD
6.5.2	Creepage and clearance	13007 LVD
6.5.3	Insulation resistance	102228190CRT-001 L850 A,B,C,T
6.5.4	Electrical shock	13007 LVD
6.6.1.1	Photometry, Runway lights	MTk5P03306-7rev1
6.6.1.1	Photometry, Runway lights	MTk5P03306-9
6.6.1.1	Photometry, Runway lights	MTk5P03306-10
6.6.1.1	Photometry, Runway lights	MTk5P03306-11
6.6.1.1	Photometry, Runway lights	MTk5P03306-3
6.6.1.1	Photometry, Runway lights	MTk5P03306-8
6.6.2	Chromaticity, Runway lights	MTk5P03306-7rev1
6.6.2	Chromaticity, Runway lights	MTk5P03306-9
6.6.2	Chromaticity, Runway lights	MTk5P03306-10
6.6.2	Chromaticity, Runway lights	MTk5P03306-11
6.6.2	Chromaticity, Runway lights	MTk5P03306-3
6.6.2	Chromaticity, Runway lights	MTk5P03306-8
6.7.1.1	Accelerated Life test	102228190CRT-001 L850 A,B,C,T
A3.1.1	Low temperature	102228190CRT-001 L850 A,B,C,T
A3.1.2	EMC, Surge increased to 10kV	102228190MIN-019
A3.1.3	Intensity Ratios	102228190CRT-001 L850 A,B,C,T
A3.1.4	Luminous flux at high temperature	102228190CRT-001 L850 A,B,C,T
A3.1.5	Electrical parameters	102228190CRT-001 L850 A,B,C,T
A3.1.6	Failure monitoring device	102228190CRT-001 L850 A,B,C,T
A3.1.8	Accelerated life test	102228190CRT-001 L850 A,B,C,T
A3.1.9.1	Light Source lifetime test	MTt6P09978-1 (N/A for AS-I)
A3.1.9.2	Light source colour maintenance test	MTt6P09978-3
A3.1.10	Flicker, Aerodrome lights	MTt6P03764-4
A3.1.11	Photobiological safety	hj10370, LUXEON Z ES LXZ2-5770 1200mA

**RESULT:** Satisfactory. All the test reports that was presented during the inspection showed conforming results to DIN/DSEYN/PPT/010-03/12 EN, Dated 2012-11-30, Technical specifications for approach surface, threshold and runway end aeronautical inset lights. DIN/DSEYN/PPT/011-03/12 EN, Dated 2012-11-30, Technical specifications for runway edge aeronautical inset lights.

The above reflects our findings at time and place of inspection. This certificate does not relieve sellers/suppliers from their contractual responsibilities nor does it prejudice buyers' right of claim toward sellers/suppliers for compensation for any apparent and/or hidden defects not detected during our random inspection or occurring thereafter.

The Company is neither an insurer nor a guarantor and disclaims all liability in such capacity.

  
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