

Certificate

about

Conformity of the product


LED PAPI (White / Red / IR)


with the mentioned specifications of
International Civil Aviation Organization (ICAO),
European Aviation Safety Agency (EASA);
U.S. Federal Aviation Administration (FAA) and
Transport Canada (TC)

Manufacturer:	Solutions4GA Sp. z o. o. Gen. Sylwestra Kaliskiego 57 01-476 Warsaw, Poland
Model description:	LED PAPI S4GA 1 x 80W
Version / Variant:	L-880, Style A, Class II
Brand name:	S4GA
Light source(s):	15 white, 15 red, 16 IR
Test standard/specification:	ICAO Annex 14, Volume 1, Eighth edition, 2018 „Aerodromes Design and Operations“; EASA Annex to ED Decision 2021/004/R 5th edition 2015-09-15 "Aerodrome Standards and recommended Practices - Land Aerodromes"; FAA "Precision Approach Path Indicator (PAPI) AC No. 150/5345-28H; FAA "Infrared Specifications for Aviation Obstruction Light Compatibility with Night Vision Goggles (NVGs)" Engineering Brief No. 98, December 18, 2017*; Transport Canada (TC) Publication TP 312, 5th Edition 2015-09-15, "Aerodrome Standards and Recommended Practices" Photometry – ICAO Figure A2-23; EASA Figure U-26; FAA Figure 3-1; TP312 Figure B-19 Chromaticity – ICAO Figure A1-1b; EASA Figure U-1B; FAA §3.2.1, §4.9.1; TP312 Figure A-1(b); ICAO §5.3.5.30; EASA CS ADR-DSN.M.645.c.2.i; FAA § 3.2.1; TP312 5.3.16.13; FAA Engineering Brief No. 98, § 8.3
Test laboratory:	TÜV Rheinland Lichttechnik GmbH Rhinstrasse 46 12681 Berlin
Date of Test(s):	14 October 2021
Test report number:	53510667-1 Version 03

This is to certify that the mentioned product is in accordance with the mentioned test standards / specifications at the time the tests were carried out in the laboratory.

Berlin, 27 October 2021
(Version 03: 05 January 2022)


Dipl.-Ing. Sandy Buschmann
Laboratory engineer


B. Eng. Max Buchner
Laboratory engineer

TÜV Rheinland Lichttechnik GmbH
Rhinstrasse 46, 12681 Berlin, Germany

Note: This certificate is part of the full test report and should be read in conjunction with it. This certification is valid until the fourth quarter 2023. The test laboratory having carried out testing services which are object of the certificate in conjunction with technical report is accredited by the DAkkS Deutsche Akkreditierungsstelle GmbH for performing these testing services according to DIN EN ISO/IEC 17025. The accreditation is valid for the testing procedures listed in the certificate. Test methods marked with * are outside the scope of accreditation D-PL-19088-01-00. The certificate in conjunction with technical report shall be reproduced and published in full by the client only. It shall however be reproduced partially with the written permission of the Testing Laboratory only.