

# Certificate

about

Conformity of the product

## Threshold / Runway End Light (Green / Red)

with the mentioned specifications of the International Civil Aviation Organization (ICAO), the European Aviation Safety Agency (EASA) and Transport Canada's Civil Aviation Directorate (TCCA)

**Manufacturer:**

TKH Airport Solutions A/S  
Københavnsvej 1  
4800 Nykøbing Falster  
Denmark

**Model description:**

THRE-S-I-x4-GxxRxx-3-5O-40xx-HIRE-LED-x

**Version / Variant:**

Elevated, HIRE, bi-directional, CEDD

**Brand name:**

TKH Airport Solutions

**Light source(s):**

Side A: 1x 5 LEDs (L010303), green  
Side B: 1x 5 LEDs (L010203), red

**Test standard/specification:**

Test according to ICAO Annex 14, Volume 1, Ninth edition, 2022 „Aerodromes Design and Operations“, EASA Annex to ED Decision 2022/006/R and TCCA TP312, Fifth edition, 2015 "Aerodrome Standards and Recommended Practices"  
Photometry – ICAO Figure A2-3, A2-8; EASA Figure U-7, U-12; TP312 Figure B-3, B-8  
Chromaticity – ICAO Figure A1-1b; EASA Figure U-1B; TP312 Figure A-1(b)

**Test laboratory:**

TÜV Rheinland Lichttechnik GmbH  
Rhinstrasse 46  
12681 Berlin

**Date of Test(s):**

22 March 2024

**Test report number:**

53512003/4 Vers. 01

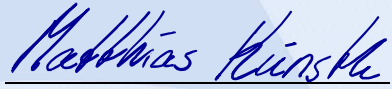
This is to certify that the mentioned product is in accordance with the mentioned test standard / specification at the time the tests were carried out in the laboratory.

Berlin, 5 April 2024

(Vers. 02: 16 April 2024)



Felix Huhndorf, M. Sc.  
Laboratory engineer



Matthias Künstle  
Laboratory technician

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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 first quarter 2026  
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. 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.