TEST REPORT

1. Applicant

O **Client Name** : Qlight Co., Ltd.

O **Address** : 185-25, Mukbang-ro, Sangdong-myeon, Gimhae-si, Gyeongsangnam-do, Korea

O **Date of Receipt** : 2020. 09. 22

2. Purpose of Report : Quality Assurance

3. Test Standard/Item : Standard at the client's request [ICAO Annex 14 Volume I Eighth Edition, July 2018] / Effective intensity, Chromaticity

4. Test Period : 2020. 10. 06 ~ 2020. 11. 12

5. Test Environment

O **Ambient Temp.** : (25 ± 3) ℃

O **Relative Humidity** : 65 % R.H. Below

6. Test Result : Refer to Test Result

Sample Description
Product Type : LED Aviation obstruction lights(Low-intensity, Type A)
Model : SAOL1
Rating : 220 V ~

Note : 1. The test results in this report only apply to the test sample(s) and the test report is forbidden to use for anything other than intended use.
2. This report cannot be reproduced in part without the prior written permission from Korea Institute of Lighting Technology.
3. The report without "KILT" perforations is not recognized as the original report.
4. The authenticity of this test report can be proved by the contact below.
5. This report is irrerelevant to KS Q ISO/IEC 17025 and KOLAS accreditation.

Tested by: _____   Approved by: _____
          Kyeong-Sik Kim   Sang-Mook Cho

2020. 11. 23

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한국조명ICT연구원

TEST RESULT

1. Test Result

Test Item	Test Requirement	Unit	Result	Remark
Effective intensity	The minimum luminous intensity of 360° horizontal plane for vertical elevation angle 2° ~ 10° shall be more than 10 cd	cd	19.1	Refer to Attachment (Page 3 ~ Page 5)
	The vertical beam spread satisfying 5 cd or more for 360° horizontal plane	°	113	
Chromaticity	The chromaticities of aeronautical ground lights shall be within the white boundaries (Purple boundary y = 0.980 − x Yellow boundary y = 0.335)	x	0.696 4	Refer to Attachment (Page 6)
		y	0.303 0	

※ This test is the result of testing using the sample provided by the applicant.

2. Test Sample

[Sample Picture]

SAOL1
Qlight CO.,LTD.
VOLT. AC220V   Wattage.20W
MADE IN KOREA   LOT NO. 200908

Light source