

Test Report

Report No. : GT2022-10059

Company : Suprema ID Inc.
Representative : Bo-Geon Park
Address : 1207, 37, Sagimakgol-ro 62beon-gil, Jungwon-gu, Seongnam-si,
Gyeonggi-do, Republic of Korea

1. Product Name : RealScan S60
- Type and Model : DC 5 V [Model : RS-S60]
2. Use of Report : For quality control
3. Date of Receipt : 2022.03.03.
4. Date of test : 2022.03.03. - 2022.03.21.
5. Location of test : ☒ Permanent testing Lab ☐ On site testing
(Address : 22, Heungan-daero 27beon-gil, Gunpo-si, Gyeonggi-do)
6. Testing Method : IEC 62471:2006
7. Test Results : Refer to the attachment

Test by : Kim Sung-Hyun

김성현

Approved by :

Park Jong
Kowon

박종권

1. This result of the above report are related to KS Q ISO/IEC 17025 and KOLAS recognition and the result of testing with samples and sample names suggested by the client does not guarantee the quality of entire products
2. This report should not be used for advertising, lawsuit, etc. without any official permission of KTC. It is only used for the purpose of the quality test.
3. The authenticity of the report is available on the website (www.ktc.re.kr).

2022.03.21.



Korea Testing Certification institute

Accredited by KOLAS, Republic of KOREA

www.ktc.re.kr 15809 22, Heungan-daero 27beon-gil, Gunpo-si, Gyeonggi-do
TEL : 1899-7654 , FAX : 031-455-7307

The above test report is the accredited test items by Korea Laboratory Accreditation Scheme, which signed the ILAC-MRA



Test Result

Report No : GT2022-10059

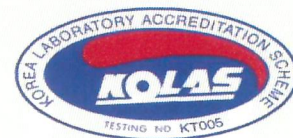
Test item	Standard	Unit	Test result
Actinic UV	Exempt Limit value : $E_s < 0.001$ - Wavelength range : (200 ~ 400) nm	W/m ²	4.24×10^{-6}
Near UV	Exempt Limit value : $E_{UVA} < 10$ - Wavelength range : (315 ~ 400) nm	W/m ²	1.26×10^{-4}
Blue Light	Exempt Limit value : $L_B < 100$ (100 mrad) - Wavelength range : (300 ~ 700) nm	W/(sr·m ²)	3.22×10^{-3}
Retinal Thermal	Exempt Limit value : $L_R < 280\ 000$ (11 mrad) - Wavelength range : (380 ~ 1 400) nm	W/(sr·m ²)	1.04
Infrared	Exempt Limit value : $E_{IR} < 100$ - Wavelength range : (780 ~ 3 000) nm	W/m ²	4.76×10^{-3}
Thermal Skin	Pass Limit value : $E_H < 3\ 560$ - Wavelength range : (380 ~ 3 000) nm	W/m ²	0.101

- Remark** : 1. Test environment : Ambient temperature : (25 ± 1) °C
Relative humidity : (55 ± 10) % R.H.
2. Measurement distance : 200 mm (Non-GLS)
3. Test condition : After running the program for scanner, click 'Start Preview' in 'capture mode' and measure the red screen.
4. Resulting IEC62471 classification

Hazard	Risk Group
Actinic UV	Exempt
Near UV	Exempt
Blue Light	Exempt
Retinal Thermal	Exempt
Infrared	Exempt
Thermal Skin	Pass

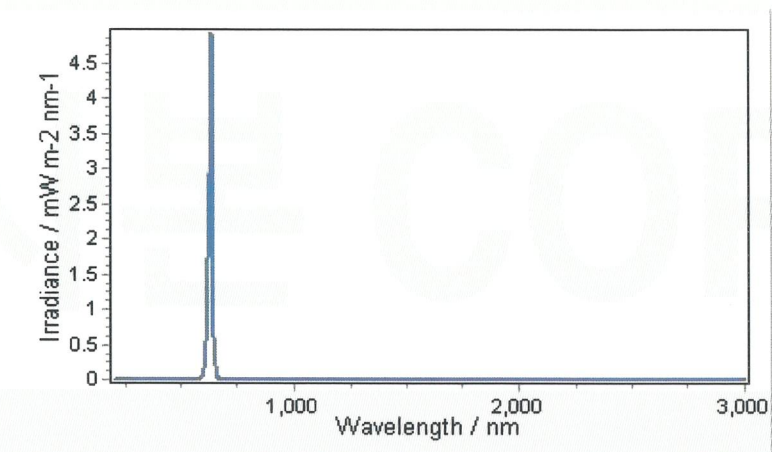


Test Result

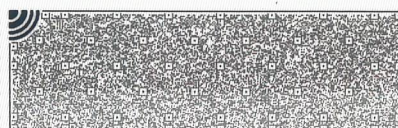
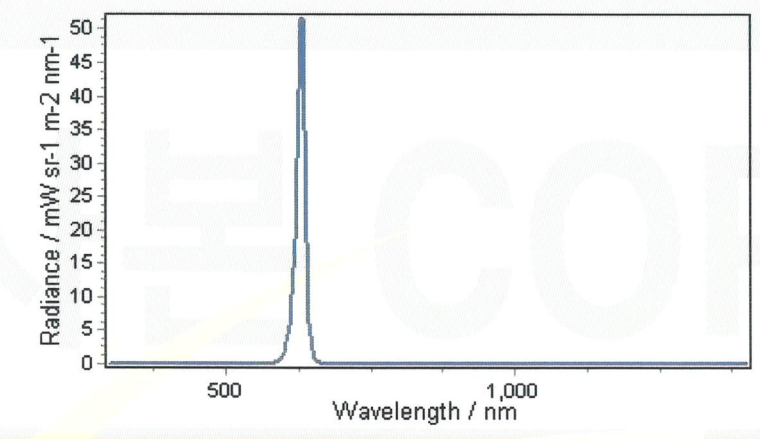


Report No : GT2022-10059

Irradiance Graph (Unit : $\text{mW}/(\text{m}^2 \cdot \text{nm})$)



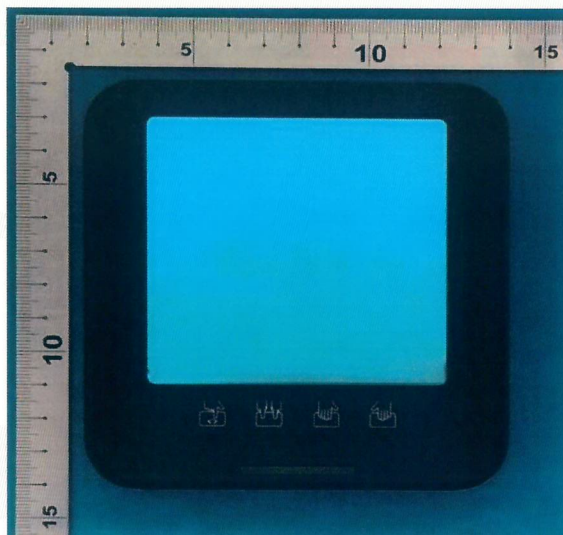
Radiance Graph (Unit : $\text{mW}/(\text{sr} \cdot \text{m}^2 \cdot \text{nm})$)



Test Result

Report No : GT2022-10059

Sample Photo (Front)



Sample Photo (Back)

