
Lightsource Test Report

Product Infomation

Product Spec: FG 55 0,675A 112W
Manufacturer: FAROS

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3414$ $y=0.3573$ $u(u')=0.2067$ $v=0.3246$ $v'=0.4869$

CCT: $T_c=5160K$ ($duv=0.00437$)

Color Ratio: $R=0.149$ $G=0.807$ $B=0.045$

Peak Wavelength: 451.7nm

Half Bandwidth: 21.2nm

Dominant Wavelength: 566.1nm

Color Purity: 0.097

CRI: R_a : $R_a=84.3$

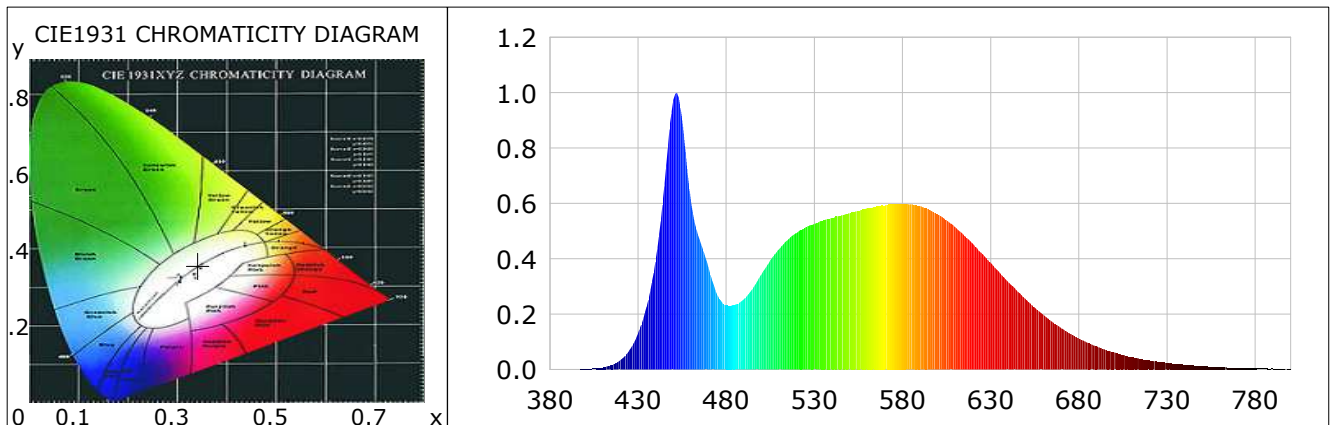
$R1=81$ $R2=84$ $R3=84$ $R4=87$ $R5=81$ $R6=76$ $R7=91$ $R8=74$

$R9=10$ $R10=59$ $R11=86$ $R12=48$ $R13=81$ $R14=91$ $R15=78$

Color Quality Scale: $Q_a=80.0$, $Q_f=80.3$, $Q_p=79.2$, $Q_g=90.2$

$Q1=83$ $Q2=98$ $Q3=77$ $Q4=69$ $Q5=76$ $Q6=79$ $Q7=85$ $Q8=91$

$Q9=96$ $Q10=86$ $Q11=81$ $Q12=80$ $Q13=80$ $Q14=71$ $Q15=76$



Photometric Parameters

Luminous Flux: 15712.75 lm Efficiency: 140.28 lm/W

Radiant Power: 47.974 W

Electric Parameters

Voltage: 221.30V

Current: 0.5080A

Power: 112.01W

Power Factor: 0.9920

Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 53745 (2894)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.00m, 4PI

CCD Integration Time: 39.09 ms

Condition: $T_x=22.8^{\circ}C$, $T_i=21.5^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-10-23 13:02:47

Inspector: