

Lightsource Test Report

Product Information

Product Spec: FG 595 1200 74W 4000K
Manufacturer: FAROS

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3841$ $y=0.3858$ $u(u')=0.2239$ $v=0.3374$ $v'=0.5060$

CCT: $T_c=3969K$ ($duv=0.00312$)

Color Ratio: $R=0.181$ $G=0.783$ $B=0.036$

Peak Wavelength: 453.3nm

Half Bandwidth: 20.3nm

Dominant Wavelength: 577.7nm

Color Purity: 0.311

CRI: $R_a=82.2$

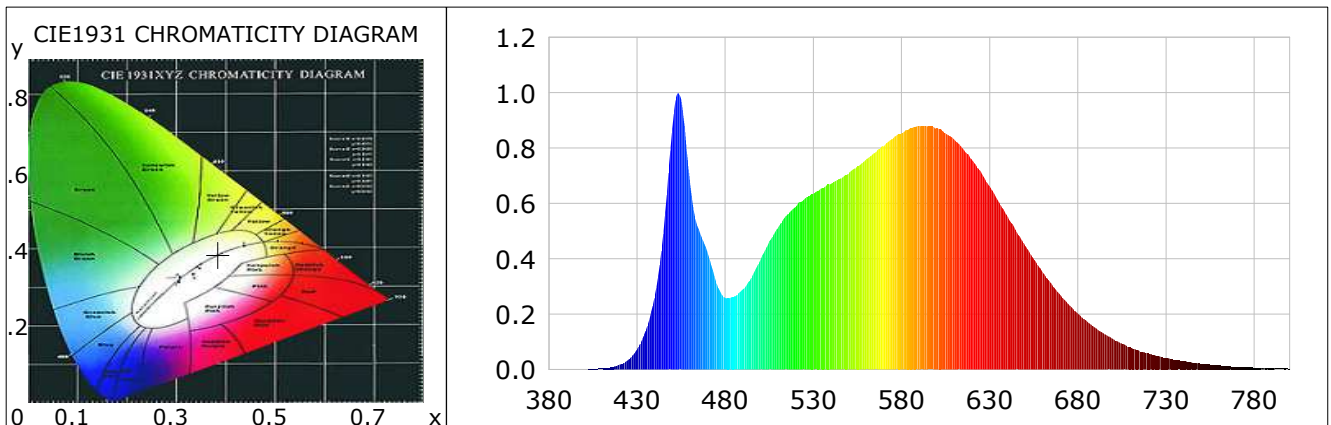
$R1=80$ $R2=89$ $R3=95$ $R4=80$ $R5=80$ $R6=85$ $R7=85$ $R8=63$

$R9=5$ $R10=74$ $R11=79$ $R12=57$ $R13=82$ $R14=98$ $R15=74$

Color Quality Scale: $Q_a=82.4$, $Q_f=82.9$, $Q_p=81.0$, $Q_g=90.6$

$Q1=81$ $Q2=97$ $Q3=80$ $Q4=75$ $Q5=80$ $Q6=81$ $Q7=84$ $Q8=89$

$Q9=98$ $Q10=90$ $Q11=87$ $Q12=85$ $Q13=84$ $Q14=72$ $Q15=75$



Photometric Parameters

Luminous Flux: 9119.69 lm

Efficiency: 126.59 lm/W

Radiant Power: 27.157 W

Electric Parameters

Voltage: 220.80V

Current: 0.3350A

Power: 72.04W

Power Factor: 0.9750

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 48170 (2881)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 95.04 ms

Condition: $T_x=22.0^{\circ}C$, $T_i=20.5^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2019-01-30 16:41:57

Inspector: