

Lightsource Test Report

Product Infomation

Product Spec: FG 595 36W 4000K
Manufacturer: FAROS

Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3769$ $y=0.3766$ $u(u')=0.2229$ $v=0.3340$ $v'=0.5010$

CCT: $T_c=4096K$ ($duv=0.00096$)

Color Ratio: $R=0.183$ $G=0.776$ $B=0.041$

Peak Wavelength: 454.6nm

Half Bandwidth: 23.7nm

Dominant Wavelength: 578.2nm

Color Purity: 0.261

CRI: $R_a=85.2$

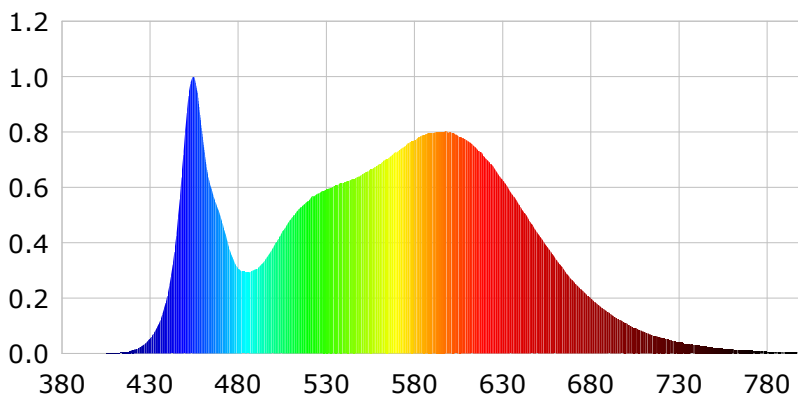
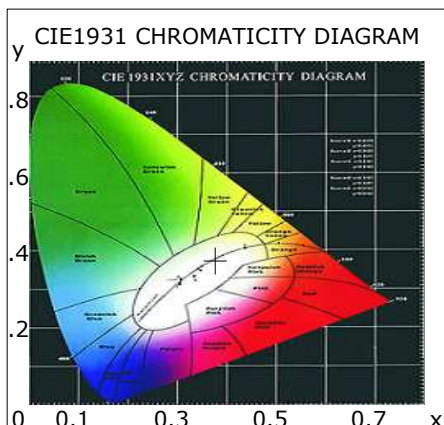
$R1=84$ $R2=93$ $R3=96$ $R4=82$ $R5=84$ $R6=89$ $R7=86$ $R8=67$

$R9=19$ $R10=81$ $R11=82$ $R12=61$ $R13=87$ $R14=99$ $R15=79$

Color Quality Scale: $Q_a=84.2$, $Q_f=84.6$, $Q_p=83.1$, $Q_g=91.8$

$Q1=82$ $Q2=97$ $Q3=83$ $Q4=77$ $Q5=81$ $Q6=83$ $Q7=86$ $Q8=90$

$Q9=98$ $Q10=92$ $Q11=89$ $Q12=87$ $Q13=86$ $Q14=76$ $Q15=79$



Photometric Parameters

Luminous Flux: 3771.40 lm

Efficiency: 101.44 lm/W

Radiant Power: 11.572 W

Electric Parameters

Voltage: 221.10V

Current: 0.1720A

Power: 37.18W

Power Factor: 0.9750

Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 51583 (2822)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 200.00 ms

Condition: $T_x=21.3^{\circ}C$, $T_i=21.5^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2019-02-13 11:16:15

Inspector: