

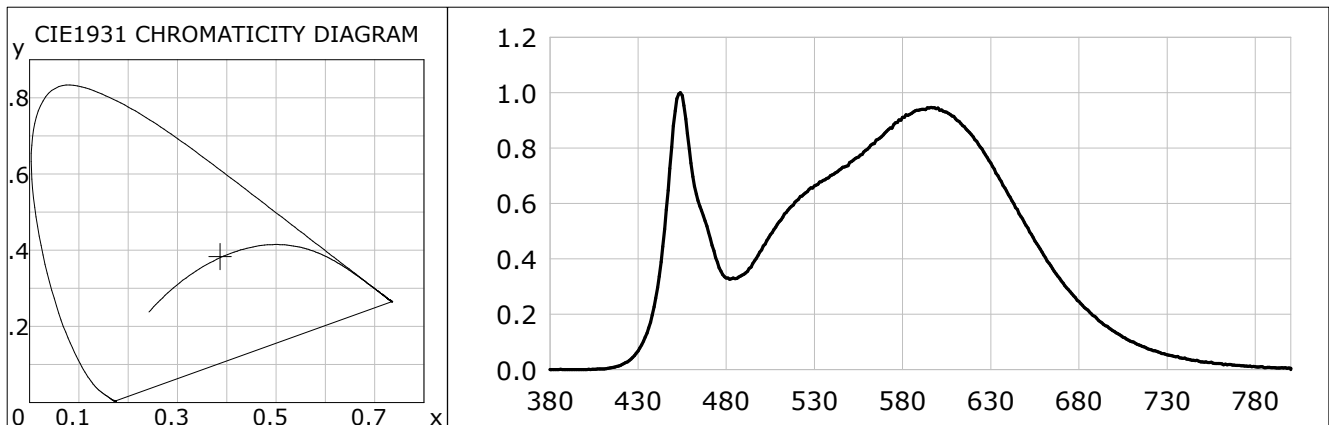
Lightsource Test Report

Product Infomation

Product Spec: FG 50 25x4LED 0,45A 55W 400Product Number: 34
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3870$ $y=0.3840$ $u(u')=0.2265$ $v=0.3371$ $v'=0.5057$
CCT: $T_c=3882K$ ($duv=0.00149$) Color Ratio: $R=0.188$ $G=0.774$ $B=0.038$
Peak Wavelength: 453.8nm Half Bandwidth: 25.0nm
Dominant Wavelength: 578.8nm Color Purity: 0.314
CRI: $R_a=84.3$
 $R1=83$ $R2=92$ $R3=96$ $R4=82$ $R5=83$ $R6=88$ $R7=85$ $R8=66$
 $R9=15$ $R10=79$ $R11=80$ $R12=62$ $R13=85$ $R14=98$ $R15=77$
Color Quality Scale: $Q_a=83.9$, $Q_f=84.3$, $Q_p=82.6$, $Q_g=91.5$
 $Q1=82$ $Q2=97$ $Q3=83$ $Q4=77$ $Q5=81$ $Q6=83$ $Q7=86$ $Q8=90$
 $Q9=98$ $Q10=92$ $Q11=88$ $Q12=86$ $Q13=85$ $Q14=75$ $Q15=78$



Photometric Parameters

Luminous Flux: 4333.05 lm Efficiency: 80.70 lm/W Radiant Power: 13.209 W

Electric Parameters

Voltage: 220.00V Current: 0.2460A Power: 53.69W
Power Factor: 0.9910 Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 60 Min
Max of Signal: 48712 (2954)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 170.00 ms

Condition: $T_x=22.5^{\circ}C$, $T_i=22.5^{\circ}C$, R.H.:60%
Test Lab:
Operator: Albakov D.

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-11-17 13:21:59
Inspector: