

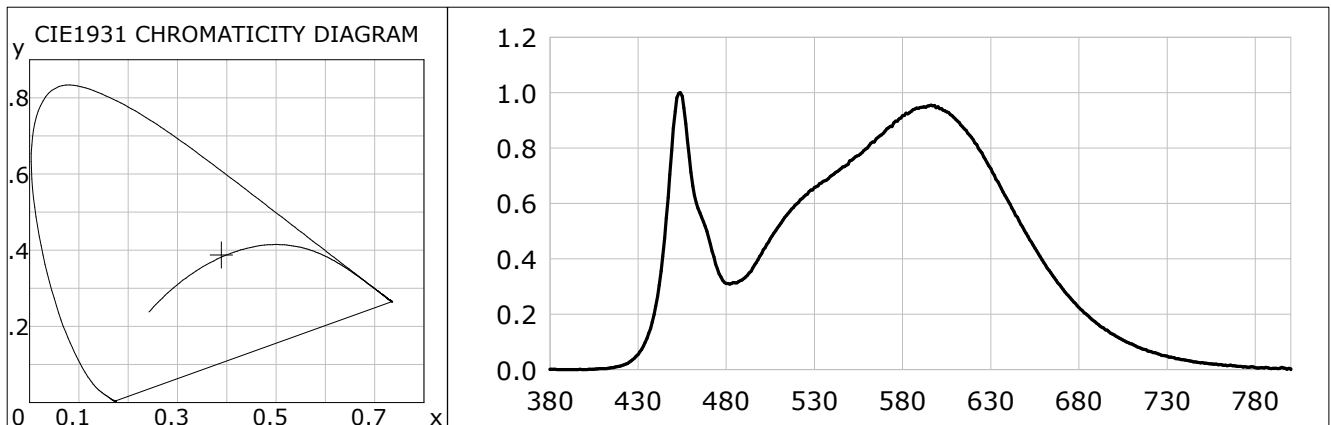
Lightsource Test Report

Product Infomation

Product Spec: FG 50 25x3LED 0,3A 30W 4000lProduct Number: 39
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3894$ $y=0.3878$ $u(u')=0.2266$ $v=0.3384$ $v'=0.5077$
CCT: $T_c=3849K$ ($duv=0.00256$) Color Ratio: $R=0.186$ $G=0.777$ $B=0.037$
Peak Wavelength: 453.6nm Half Bandwidth: 23.7nm
Dominant Wavelength: 578.4nm Color Purity: 0.333
CRI: R_a : $R_a=82.6$
 $R1=81$ $R2=90$ $R3=96$ $R4=80$ $R5=80$ $R6=86$ $R7=85$ $R8=63$
 $R9=6$ $R10=76$ $R11=78$ $R12=59$ $R13=83$ $R14=98$ $R15=74$
Color Quality Scale: $Q_a=82.6$, $Q_f=83.1$, $Q_p=80.9$, $Q_g=90.3$
 $Q1=80$ $Q2=97$ $Q3=82$ $Q4=76$ $Q5=79$ $Q6=81$ $Q7=84$ $Q8=89$
 $Q9=97$ $Q10=91$ $Q11=87$ $Q12=85$ $Q13=84$ $Q14=72$ $Q15=76$



Photometric Parameters

Luminous Flux: 3697.13 lm Efficiency: 130.64 lm/W Radiant Power: 11.054 W

Electric Parameters

Voltage: 219.90V Current: 0.1310A Power: 28.30W
Power Factor: 0.9820 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 60 Min
Max of Signal: 48615 (3042)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 198.08 ms

Condition: $T_x=23.6^{\circ}C$, $T_i=23.5^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-11-30 10:47:56
Inspector: