

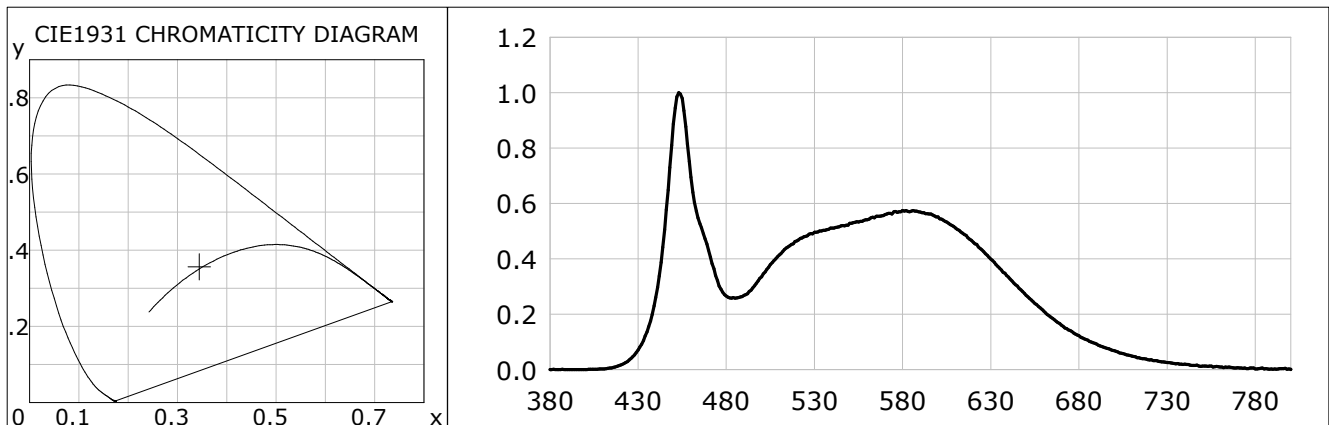
Lightsource Test Report

Product Infomation

Product Spec: FG 50 25x3LED 0,3A 30W 5000lProduct Number: 37
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3446$ $y=0.3566$ $u(u')=0.2092$ $v=0.3247$ $v'=0.4870$
CCT: $T_c=5036K$ ($duv=0.00270$) Color Ratio: $R=0.157$ $G=0.795$ $B=0.049$
Peak Wavelength: 453.3nm Half Bandwidth: 21.7nm
Dominant Wavelength: 569.7nm Color Purity: 0.104
CRI: R_a : $R_a=85.5$
 $R1=85$ $R2=88$ $R3=88$ $R4=88$ $R5=84$ $R6=81$ $R7=93$ $R8=77$
 $R9=25$ $R10=69$ $R11=87$ $R12=50$ $R13=85$ $R14=93$ $R15=82$
Color Quality Scale: $Q_a=81.8$, $Q_f=82.1$, $Q_p=80.6$, $Q_g=90.9$
 $Q1=82$ $Q2=97$ $Q3=79$ $Q4=71$ $Q5=76$ $Q6=79$ $Q7=86$ $Q8=92$
 $Q9=97$ $Q10=89$ $Q11=84$ $Q12=82$ $Q13=82$ $Q14=75$ $Q15=79$



Photometric Parameters

Luminous Flux: 2457.88 lm Efficiency: 86.97 lm/W Radiant Power: 7.637 W

Electric Parameters

Voltage: 219.90V Current: 0.1310A Power: 28.26W
Power Factor: 0.9820 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 60 Min
Max of Signal: 48689 (3010)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 200.00 ms

Condition: $T_x=23.3^{\circ}C$, $T_i=23.0^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-11-27 10:12:29
Inspector: