

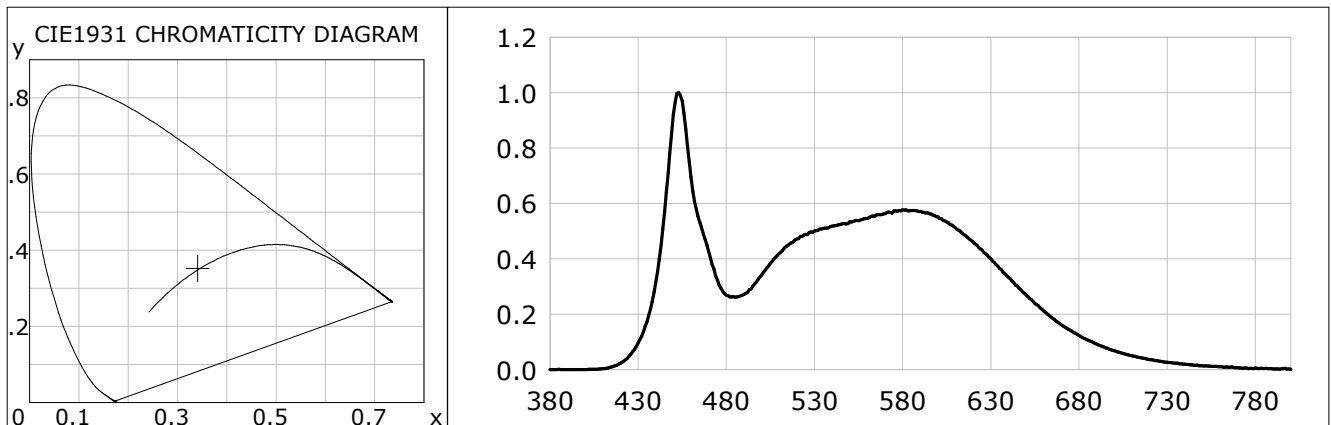
Lightsource Test Report

Product Infomation

Product Spec: FG50 4x30LED 0,6A 75W 5000KProduct Number: 44
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3415$ $y=0.3526$ $u(u')=0.2086$ $v=0.3231$ $v'=0.4846$
CCT: $T_c=5142K$ ($duv=0.00196$) Color Ratio: $R=0.156$ $G=0.795$ $B=0.049$
Peak Wavelength: 452.7nm Half Bandwidth: 22.7nm
Dominant Wavelength: 568.3nm Color Purity: 0.083
CRI: R_a : $R_a=85.7$
 $R1=85$ $R2=88$ $R3=87$ $R4=89$ $R5=84$ $R6=81$ $R7=93$ $R8=78$
 $R9=27$ $R10=68$ $R11=88$ $R12=51$ $R13=86$ $R14=93$ $R15=83$
Color Quality Scale: $Q_a=82.0$, $Q_f=82.2$, $Q_p=81.1$, $Q_g=91.5$
 $Q1=84$ $Q2=98$ $Q3=79$ $Q4=71$ $Q5=76$ $Q6=80$ $Q7=87$ $Q8=92$
 $Q9=96$ $Q10=89$ $Q11=83$ $Q12=82$ $Q13=82$ $Q14=76$ $Q15=79$



Photometric Parameters

Luminous Flux: 5948.91 lm Efficiency: 76.75 lm/W Radiant Power: 18.632 W

Electric Parameters

Voltage: 219.90V Current: 0.3570A Power: 77.51W
Power Factor: 0.9880 Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 80 Min
Max of Signal: 45018 (2976)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 79.83 ms

Condition: $T_x=23.7^{\circ}C$, $T_i=23.5^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-12-20 15:39:57
Inspector: