

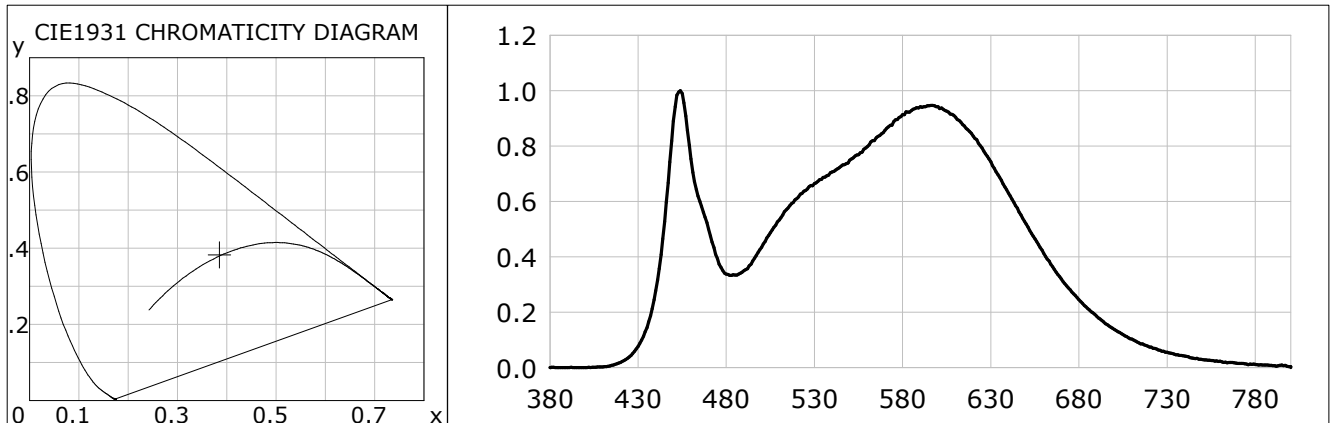
Lightsource Test Report

Product Infomation

Product Spec: FG50 4x30LED 0,6A 75W 4000KProduct Number: 46
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3855$ $y=0.3824$ $u(u')=0.2261$ $v=0.3365$ $v'=0.5048$
CCT: $T_c=3908K$ ($duv=0.00120$) Color Ratio: $R=0.187$ $G=0.774$ $B=0.039$
Peak Wavelength: 453.8nm Half Bandwidth: 25.5nm
Dominant Wavelength: 578.8nm Color Purity: 0.305
CRI: R_a : $R_a=84.2$
 $R1=83$ $R2=92$ $R3=96$ $R4=81$ $R5=83$ $R6=88$ $R7=85$ $R8=66$
 $R9=15$ $R10=79$ $R11=80$ $R12=62$ $R13=85$ $R14=98$ $R15=77$
Color Quality Scale: $Q_a=83.8$, $Q_f=84.2$, $Q_p=82.6$, $Q_g=91.6$
 $Q1=82$ $Q2=97$ $Q3=82$ $Q4=77$ $Q5=81$ $Q6=83$ $Q7=86$ $Q8=90$
 $Q9=98$ $Q10=92$ $Q11=88$ $Q12=86$ $Q13=85$ $Q14=75$ $Q15=78$



Photometric Parameters

Luminous Flux: 5876.57 lm Efficiency: 76.19 lm/W Radiant Power: 17.961 W

Electric Parameters

Voltage: 219.90V Current: 0.3550A Power: 77.13W
Power Factor: 0.9880 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 80 Min
Max of Signal: 43153 (2872)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 114.73 ms

Condition: $T_x=22.0^{\circ}C$, $T_i=22.5^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-12-26 10:23:44
Inspector: