

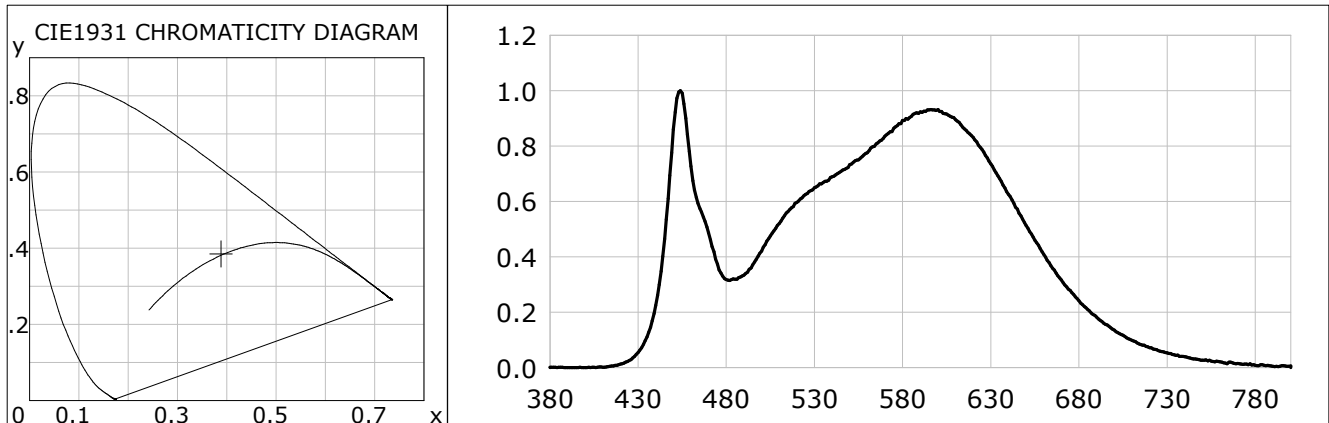
Lightsource Test Report

Product Infomation

Product Spec: FG 50 25x3LED 0,3A 30W 4000 Product Number: 40
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3887$ $y=0.3854$ $u(u')=0.2271$ $v=0.3377$ $v'=0.5066$
CCT: $T_c=3848K$ ($duv=0.00167$) Color Ratio: $R=0.190$ $G=0.773$ $B=0.038$
Peak Wavelength: 453.8nm Half Bandwidth: 23.9nm
Dominant Wavelength: 578.8nm Color Purity: 0.323
CRI: R_a : $R_a=84.3$
 $R1=83$ $R2=92$ $R3=97$ $R4=82$ $R5=83$ $R6=88$ $R7=85$ $R8=66$
 $R9=15$ $R10=80$ $R11=80$ $R12=61$ $R13=85$ $R14=99$ $R15=77$
Color Quality Scale: $Q_a=84.0$, $Q_f=84.4$, $Q_p=82.7$, $Q_g=91.4$
 $Q1=82$ $Q2=97$ $Q3=83$ $Q4=77$ $Q5=81$ $Q6=83$ $Q7=86$ $Q8=90$
 $Q9=98$ $Q10=92$ $Q11=88$ $Q12=87$ $Q13=86$ $Q14=75$ $Q15=78$



Photometric Parameters

Luminous Flux: 2471.09 lm Efficiency: 87.16 lm/W Radiant Power: 7.519 W

Electric Parameters

Voltage: 219.90V Current: 0.1310A Power: 28.35W
Power Factor: 0.9820 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 45524 (3105)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 272.86 ms

Condition: $T_x=23.9^{\circ}C$, $T_i=22.0^{\circ}C$, R.H.:60%
Test Lab:
Operator: Albakov D.

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-12-13 16:44:09
Inspector: