

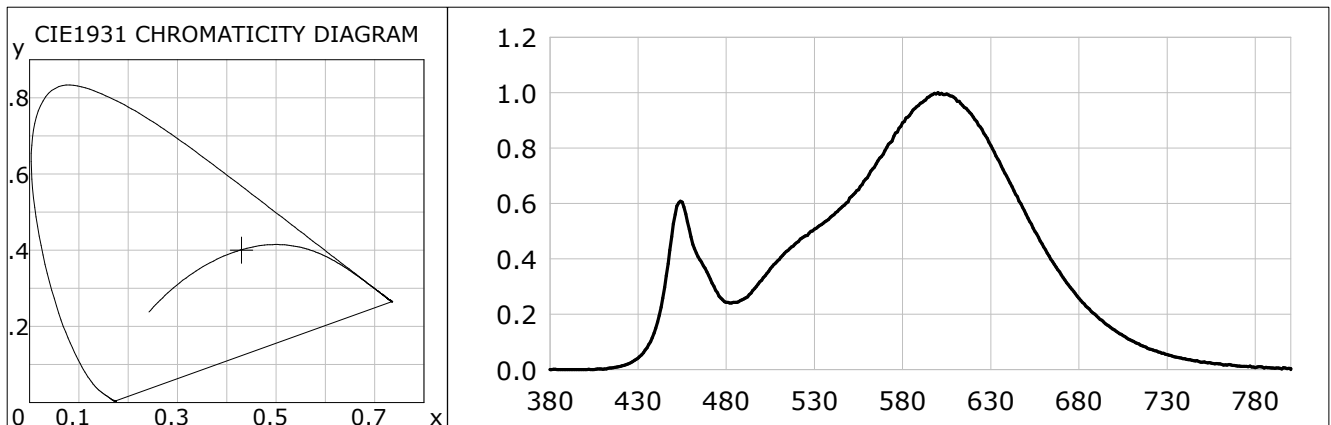
Lightsource Test Report

Product Infomation

Product Spec: FG 50 25x3LED 0,3A 30W 4000lProduct Number: 35
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4302$ $y=0.4005$ $u(u')=0.2478$ $v=0.3460$ $v'=0.5190$
CCT: $T_c=3087K$ ($duv=-0.00047$) Color Ratio: $R=0.223$ $G=0.748$ $B=0.029$
Peak Wavelength: 599.9nm Half Bandwidth: 126.8nm
Dominant Wavelength: 582.6nm Color Purity: 0.494
CRI: R_a : $R_a=81.9$
 $R1=81$ $R2=92$ $R3=95$ $R4=79$ $R5=81$ $R6=90$ $R7=80$ $R8=57$
 $R9=5$ $R10=81$ $R11=77$ $R12=69$ $R13=83$ $R14=98$ $R15=73$
Color Quality Scale: $Q_a=81.7$, $Q_f=83.4$, $Q_p=82.1$, $Q_g=89.9$
 $Q1=78$ $Q2=94$ $Q3=83$ $Q4=77$ $Q5=80$ $Q6=82$ $Q7=83$ $Q8=86$
 $Q9=95$ $Q10=91$ $Q11=86$ $Q12=83$ $Q13=82$ $Q14=71$ $Q15=74$



Photometric Parameters

Luminous Flux: 3352.18 lm Efficiency: 119.00 lm/W Radiant Power: 10.120 W

Electric Parameters

Voltage: 220.00V Current: 0.1300A Power: 28.17W
Power Factor: 0.9820 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 60 Min
Max of Signal: 44265 (3053)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 215.81 ms

Condition: $T_x=23.8^{\circ}C$, $T_i=23.5^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-11-24 09:14:35
Inspector: