

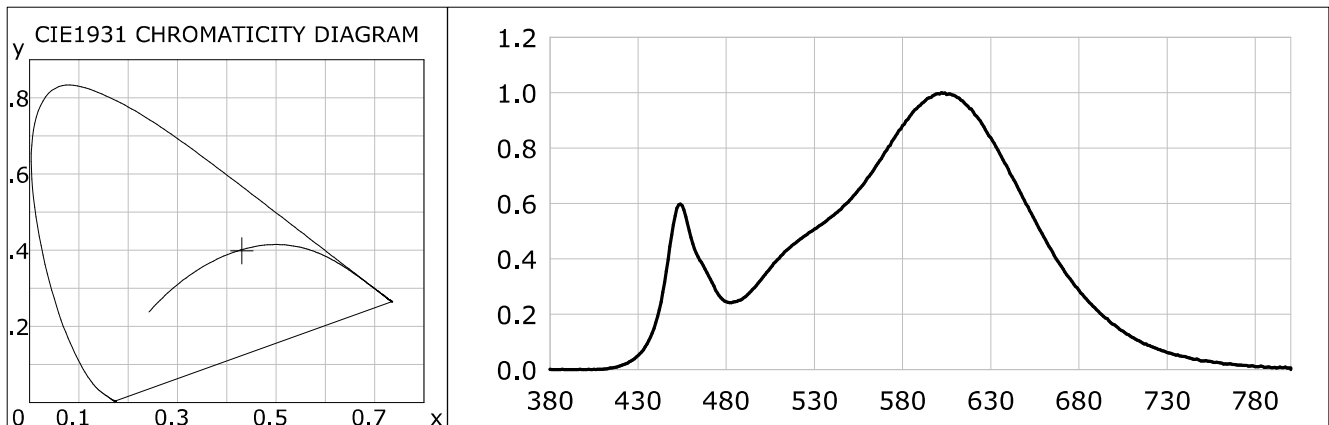
Lightsource Test Report

Product Infomation

Product Spec: FG 50 3x25LED 40W 3000K Product Number: 19
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4309$ $y=0.3985$ $u(u')=0.2491$ $v=0.3455$ $v'=0.5183$
CCT: $T_c=3058K$ ($duv=-0.00140$) Color Ratio: $R=0.227$ $G=0.743$ $B=0.030$
Peak Wavelength: 602.2nm Half Bandwidth: 129.9nm
Dominant Wavelength: 583.1nm Color Purity: 0.490
CRI: $R_a=83.3$ TM30: $R_f=83$, $R_g=95$
 $R1=82$ $R2=93$ $R3=95$ $R4=80$ $R5=83$ $R6=92$ $R7=81$ $R8=60$
 $R9=12$ $R10=84$ $R11=80$ $R12=72$ $R13=85$ $R14=98$ $R15=75$
Color Quality Scale: $Q_a=82.8$, $Q_f=84.4$, $Q_p=84.0$, $Q_g=91.3$
 $Q1=80$ $Q2=95$ $Q3=84$ $Q4=79$ $Q5=82$ $Q6=83$ $Q7=84$ $Q8=86$
 $Q9=95$ $Q10=91$ $Q11=87$ $Q12=84$ $Q13=83$ $Q14=73$ $Q15=76$



Photometric Parameters

Luminous Flux: 3019.67 lm Efficiency: 74.82 lm/W Radiant Power: 9.302 W

Electric Parameters

Voltage: 220.00V Current: 0.1850A Power: 40.36W
Power Factor: 0.9900 Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 40 Min
Max of Signal: 44045 (3032)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 241.85 ms

Condition: $T_x=23.3^{\circ}C$, $T_i=22.5^{\circ}C$, R.H.:60%
Test Lab:
Operator: Abdulganiev R.

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-10-17 09:12:48
Inspector: