

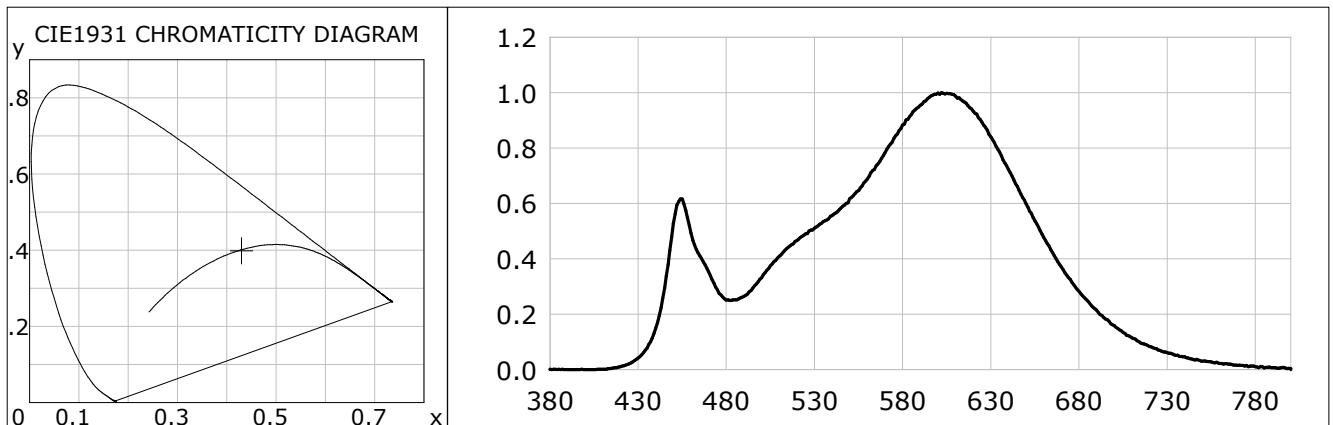
Lightsource Test Report

Product Infomation

Product Spec: FG 50 3x25LED 0,3A 30W 3000lProduct Number: 36
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4304$ $y=0.3988$ $u(u')=0.2486$ $v=0.3455$ $v'=0.5183$
CCT: $T_c=3070K$ ($duv=-0.00119$) Color Ratio: $R=0.227$ $G=0.743$ $B=0.030$
Peak Wavelength: 602.2nm Half Bandwidth: 131.3nm
Dominant Wavelength: 602.3nm Color Purity: 0.489
CRI: R_a : $R_a=83.6$
 $R1=83$ $R2=93$ $R3=95$ $R4=81$ $R5=83$ $R6=92$ $R7=81$ $R8=61$
 $R9=13$ $R10=85$ $R11=80$ $R12=72$ $R13=86$ $R14=98$ $R15=76$
Color Quality Scale: $Q_a=83.1$, $Q_f=84.7$, $Q_p=84.1$, $Q_g=91.1$
 $Q1=80$ $Q2=94$ $Q3=84$ $Q4=79$ $Q5=82$ $Q6=83$ $Q7=84$ $Q8=87$
 $Q9=95$ $Q10=91$ $Q11=87$ $Q12=84$ $Q13=83$ $Q14=74$ $Q15=76$



Photometric Parameters

Luminous Flux: 2276.89 lm Efficiency: 80.97 lm/W Radiant Power: 7.003 W

Electric Parameters

Voltage: 219.90V Current: 0.1300A Power: 28.12W
Power Factor: 0.9820 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 60 Min
Max of Signal: 45127 (3182)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 326.44 ms

Condition: $T_x=24.4^{\circ}C$, $T_i=23.5^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-11-24 11:02:20
Inspector: