

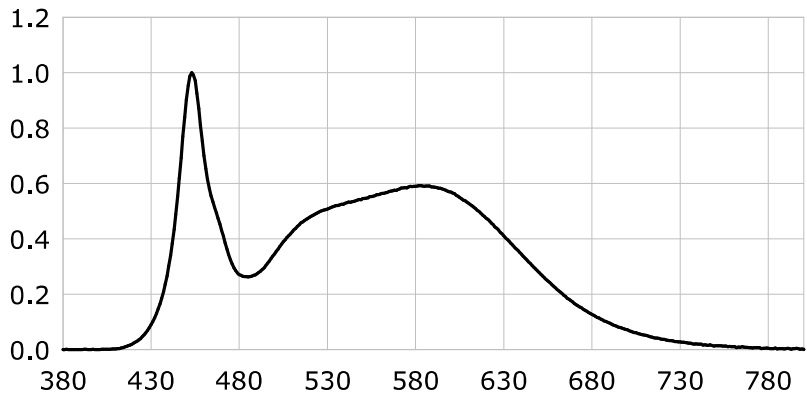
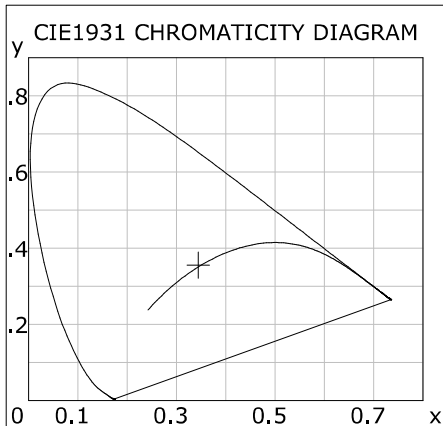
Lightsource Test Report

Product Information

Product Spec: FG 50 3x25 0,3A 40W 5000K Product Number: 22
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3446$ $y=0.3561$ $u(u')=0.2094$ $v=0.3245$ $v'=0.4868$
CCT: $T_c=5036K$ ($duv=0.00243$) Color Ratio: $R=0.157$ $G=0.795$ $B=0.048$
Peak Wavelength: 453.1nm Half Bandwidth: 22.5nm
Dominant Wavelength: 569.9nm Color Purity: 0.103
CRI: $R_a=85.4$ TM30: $R_f=81$, $R_g=93$
 $R1=82$ $R2=90$ $R3=94$ $R4=82$ $R5=82$ $R6=85$ $R7=86$ $R8=67$
 $R9=10$ $R10=75$ $R11=81$ $R12=61$ $R13=85$ $R14=97$ $R15=77$
Color Quality Scale: $Q_a=81.8$, $Q_f=82.0$, $Q_p=81.5$, $Q_g=92.0$
 $Q1=82$ $Q2=99$ $Q3=79$ $Q4=73$ $Q5=79$ $Q6=82$ $Q7=85$ $Q8=89$
 $Q9=97$ $Q10=88$ $Q11=84$ $Q12=82$ $Q13=82$ $Q14=72$ $Q15=76$



Photometric Parameters

Luminous Flux: 3464.94 lm Efficiency: 84.72 lm/W Radiant Power: 10.785 W

Electric Parameters

Voltage: 220.10V Current: 0.1880A Power: 40.90W
Power Factor: 0.9900 Frequency: 50.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 20 Min
Max of Signal: 43794 (2982)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 142.29 ms

Condition: $T_x=23.4^{\circ}C$, $T_i=23.0^{\circ}C$, R.H.:60%
Test Lab:
Operator: Albakov D.

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-10-24 10:31:26
Inspector: