

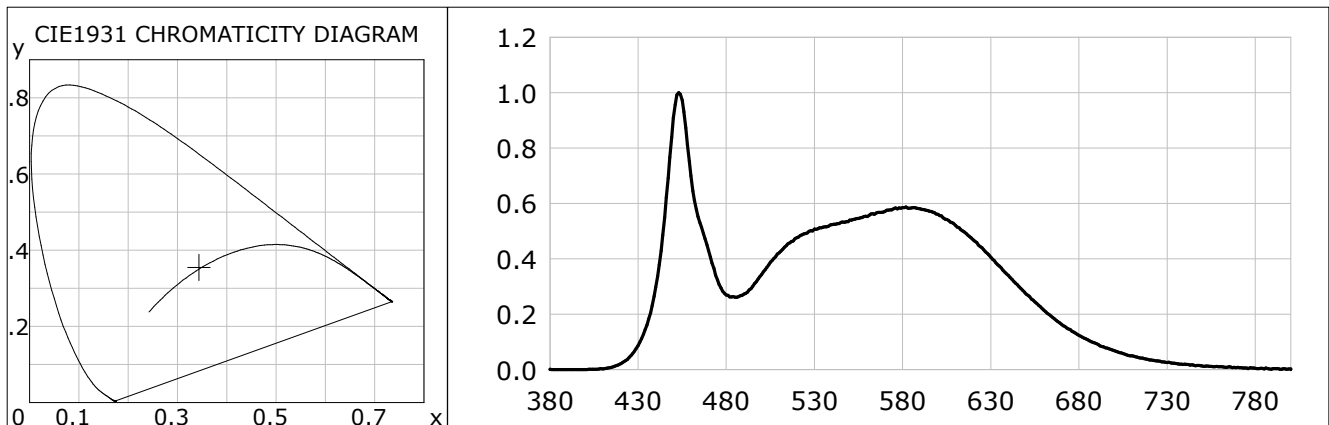
Lightsource Test Report

Product Infomation

Product Spec: FG 50 4x25LED 0,45A 55W 500Product Number: 27
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3438$ $y=0.3554$ $u(u')=0.2091$ $v=0.3242$ $v'=0.4863$
CCT: $T_c=5064K$ ($duv=0.00243$) Color Ratio: $R=0.156$ $G=0.795$ $B=0.048$
Peak Wavelength: 453.1nm Half Bandwidth: 22.4nm
Dominant Wavelength: 569.4nm Color Purity: 0.098
CRI: R_a : $R_a=85.4$
 $R1=85$ $R2=88$ $R3=88$ $R4=89$ $R5=84$ $R6=81$ $R7=93$ $R8=77$
 $R9=25$ $R10=68$ $R11=88$ $R12=51$ $R13=85$ $R14=93$ $R15=82$
Color Quality Scale: $Q_a=81.8$, $Q_f=82.1$, $Q_p=80.8$, $Q_g=91.1$
 $Q1=83$ $Q2=98$ $Q3=79$ $Q4=71$ $Q5=76$ $Q6=79$ $Q7=86$ $Q8=92$
 $Q9=97$ $Q10=89$ $Q11=83$ $Q12=82$ $Q13=82$ $Q14=75$ $Q15=79$



Photometric Parameters

Luminous Flux: 4498.45 lm Efficiency: 83.71 lm/W Radiant Power: 14.004 W

Electric Parameters

Voltage: 219.90V Current: 0.2470A Power: 53.74W
Power Factor: 0.9910 Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 60 Min
Max of Signal: 44478 (2995)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 105.43 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: 2017-11-03 15:01:13
Inspector: