

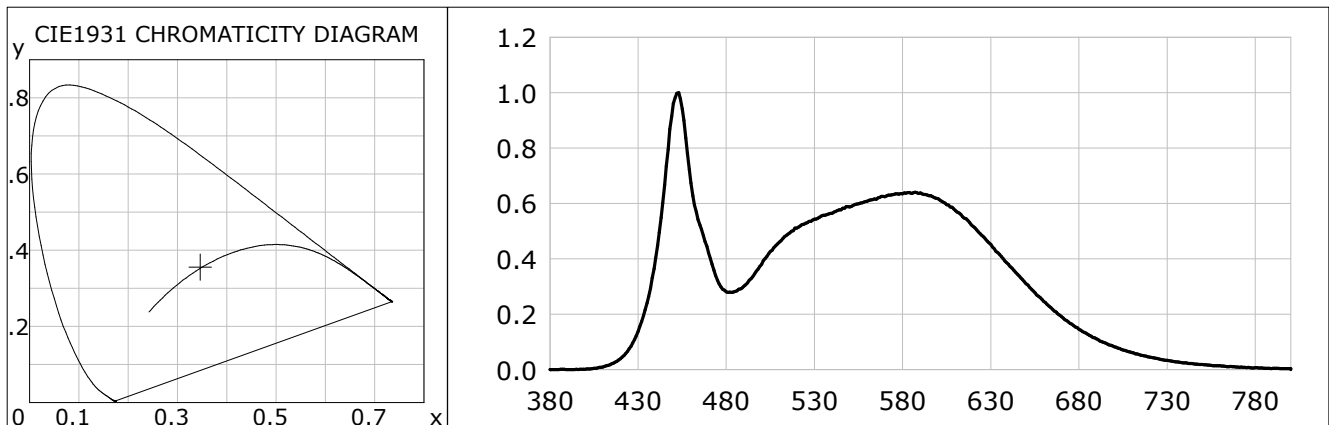
Lightsource Test Report

Product Infomation

Product Spec: FD 111 360LED 220W 5000K Product Number: 4
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3462$ $y=0.3559$ $u(u')=0.2105$ $v=0.3246$ $v'=0.4869$
CCT: $T_c=4973K$ ($duv=0.00171$) Color Ratio: $R=0.159$ $G=0.794$ $B=0.047$
Peak Wavelength: 452.6nm Half Bandwidth: 24.2nm
Dominant Wavelength: 571.4nm Color Purity: 0.107
CRI: R_a : $R_a=83.9$
 $R1=82$ $R2=90$ $R3=94$ $R4=82$ $R5=82$ $R6=85$ $R7=88$ $R8=69$
 $R9=13$ $R10=75$ $R11=81$ $R12=58$ $R13=84$ $R14=97$ $R15=77$
Color Quality Scale: $Q_a=82.8$, $Q_f=83.1$, $Q_p=82.3$, $Q_g=91.6$
 $Q1=83$ $Q2=98$ $Q3=80$ $Q4=74$ $Q5=79$ $Q6=82$ $Q7=85$ $Q8=90$
 $Q9=97$ $Q10=89$ $Q11=85$ $Q12=85$ $Q13=84$ $Q14=74$ $Q15=78$



Photometric Parameters

Luminous Flux: 28816.14 lm Efficiency: 130.33 lm/W Radiant Power: 90.400 W

Electric Parameters

Voltage: 219.40V Current: 1.0260A Power: 221.10W
Power Factor: 0.9820 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 49137 (2957)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 21.61 ms

Condition: $T_x=24.1^{\circ}C$, $T_i=24.5^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-03-16 13:31:14
Inspector: