

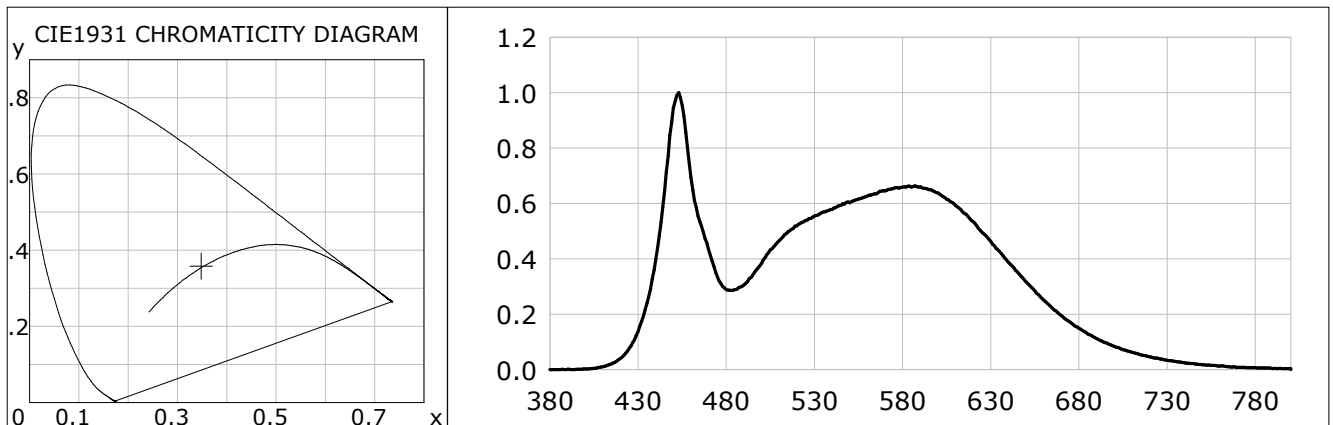
Lightsource Test Report

Product Infomation

Product Spec: FD 111 360LED 220W 5000K Product Number: 1
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3484$ $y=0.3583$ $u(u')=0.2111$ $v=0.3256$ $v'=0.4884$
CCT: $T_c=4902K$ ($duv=0.00204$) Color Ratio: $R=0.159$ $G=0.794$ $B=0.046$
Peak Wavelength: 452.8nm Half Bandwidth: 24.5nm
Dominant Wavelength: 572.0nm Color Purity: 0.121
CRI: R_a : $R_a=83.4$
 $R1=81$ $R2=89$ $R3=94$ $R4=81$ $R5=81$ $R6=85$ $R7=87$ $R8=68$
 $R9=10$ $R10=74$ $R11=80$ $R12=58$ $R13=84$ $R14=97$ $R15=76$
Color Quality Scale: $Q_a=82.5$, $Q_f=82.8$, $Q_p=81.7$, $Q_g=91.2$
 $Q1=83$ $Q2=98$ $Q3=80$ $Q4=74$ $Q5=79$ $Q6=81$ $Q7=85$ $Q8=89$
 $Q9=97$ $Q10=89$ $Q11=85$ $Q12=84$ $Q13=84$ $Q14=73$ $Q15=77$



Photometric Parameters

Luminous Flux: 28223.61 lm Efficiency: 127.88 lm/W Radiant Power: 88.013 W

Electric Parameters

Voltage: 219.40V Current: 1.0240A Power: 220.70W
Power Factor: 0.9820 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 43354 (2950)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 19.96 ms

Condition: $T_x=24.1^{\circ}C$, $T_i=25.5^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-03-16 13:22:26
Inspector: