Lightsource Test Report

Product Infomation

Product Spec: FP 150 150W 5000K Product Number: 1
Manufacturer: FAROS

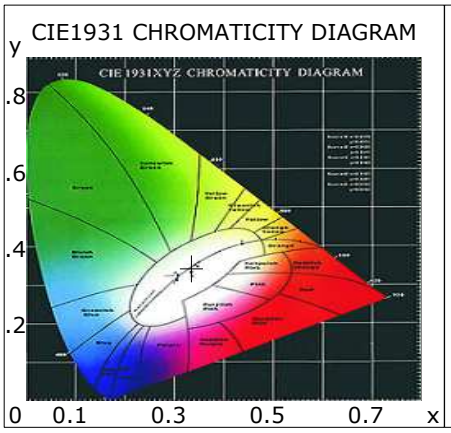
CIE Colorimetric Parameters

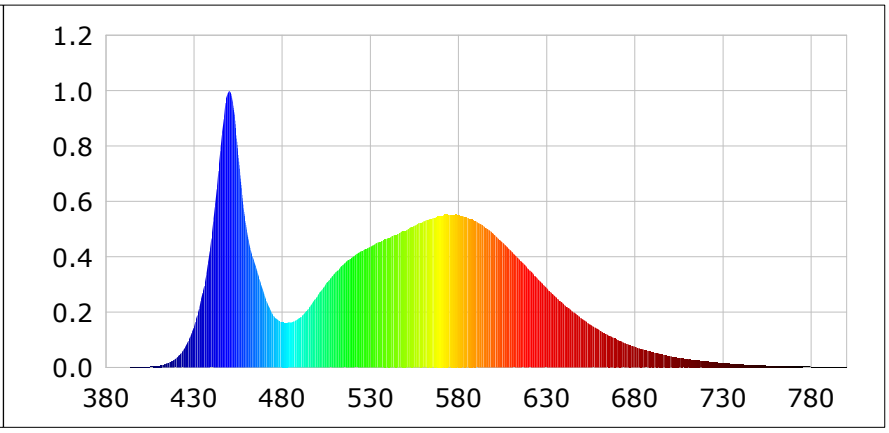
Chromaticity coordinates: x=0.3350 y=0.3455 u(u')=0.2069 v=0.3201 v'=0.4802
CCT: Tc=5094K (duv=0.00117) Color Ratio: R=0.138 G=0.821 B=0.041
Peak Wavelength: 450.0nm Half Bandwidth: 19.4nm
Dominant Wavelength: 577.0nm Color Purity: 0.042
CRI: Ra: Ra= 76.8

R1 =75	R2 =79	R3 =80	R4 =82	R5 =76	R6 =70	R7 =86	R8 =66
R9 =0	R10=48	R11=80	R12=42	R13=75	R14=89	R15=72	

Color Quality Scale: Qa= 73.6, Qf= 73.5, Qp= 74.3, Qg= 88.5

Q1 =81	Q2 =97	Q3 =69	Q4 =60	Q5 =69	Q6 =74	Q7 =81	Q8 =88
Q9 =93	Q10=79	Q11=71	Q12=70	Q13=71	Q14=62	Q15=70	





Photometric Parameters

Luminous Flux: 21802.59 lm Efficiency: 141.67 lm/W Radiant Power: 65.787 W

Electric Parameters

Voltage: 221.20V Current: 0.7020A Power: 153.90W
Power Factor: 0.9920 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 45394 (2952)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4PI
CCD Integration Time: 20.82 ms

Condition: Tx:24.0'C, Ti:23.5'C, R.H.:60% Test Device: Lisun LMS-9000A(Plus)
Test Lab: Test Time: 2018-10-23 16:07:15
Operator: Inspector: