

Lightsource Test Report

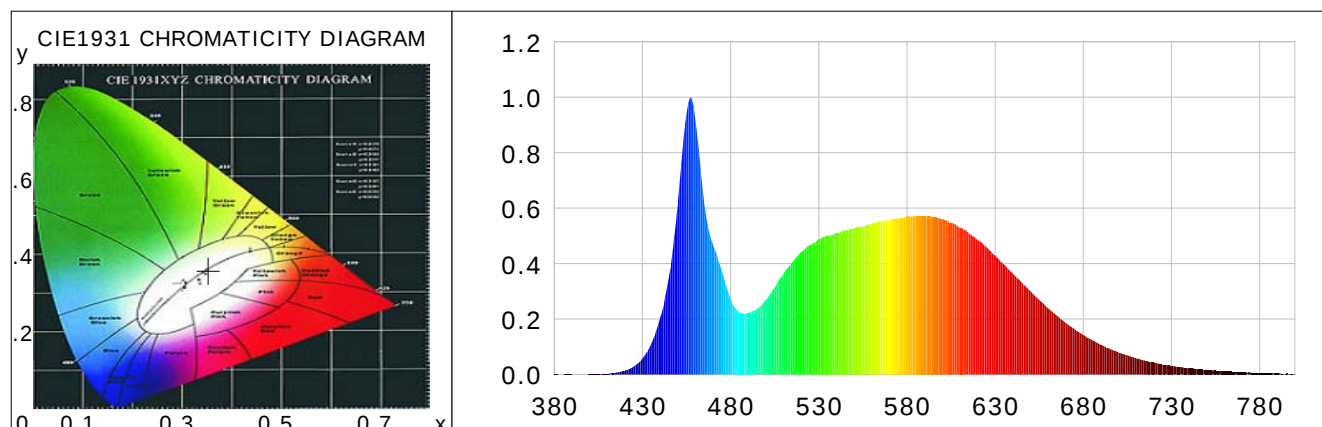
Product Infomation

Product Spec: FG 55 0,35A 57W 5000K opal Product Number: 1
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3530$ $y=0.3594$ $u(u')=0.2137$ $v=0.3264$ $v'=0.4896$
CCT: $T_c=4743K$ ($duv=0.00079$) Color Ratio: $R=0.166$ $G=0.788$ $B=0.046$
Peak Wavelength: 457.3nm Half Bandwidth: 20.3nm
Dominant Wavelength: 574.6nm Color Purity: 0.138
CRI: Ra: Ra= 84.2

R1 =83	R2 =92	R3 =94	R4 =80	R5 =82	R6 =86	R7 =87	R8 =70
R9 =20	R10=77	R11=78	R12=53	R13=86	R14=97	R15=79	
Color Quality Scale: $Q_a= 81.8$, $Q_f= 82.0$, $Q_p= 81.0$, $Q_g= 91.2$							
Q1 =82	Q2 =97	Q3 =79	Q4 =70	Q5 =75	Q6 =78	Q7 =84	Q8 =89
Q9 =97	Q10=90	Q11=85	Q12=85	Q13=85	Q14=76	Q15=79	



Photometric Parameters

Luminous Flux: 8179.04 lm Efficiency: 143.24 lm/W Radiant Power: 25.587 W

Electric Parameters

Voltage: 221.40V Current: 0.2640A Power: 57.10W
Power Factor: 0.9770 Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 45038 (3229)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 61.17 ms

Condition: Tx:27.4'C, Ti:27.0'C, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-08-23 16:25:28
Inspector: