杭州创惠仪器有限公司
www.inventfine.cn
Tel: 86-571-88091262
Fax: 86-571-88262100

Lightsource Test Report

Product Infomation

Product Type: C 20W 4000K Product Number: 18

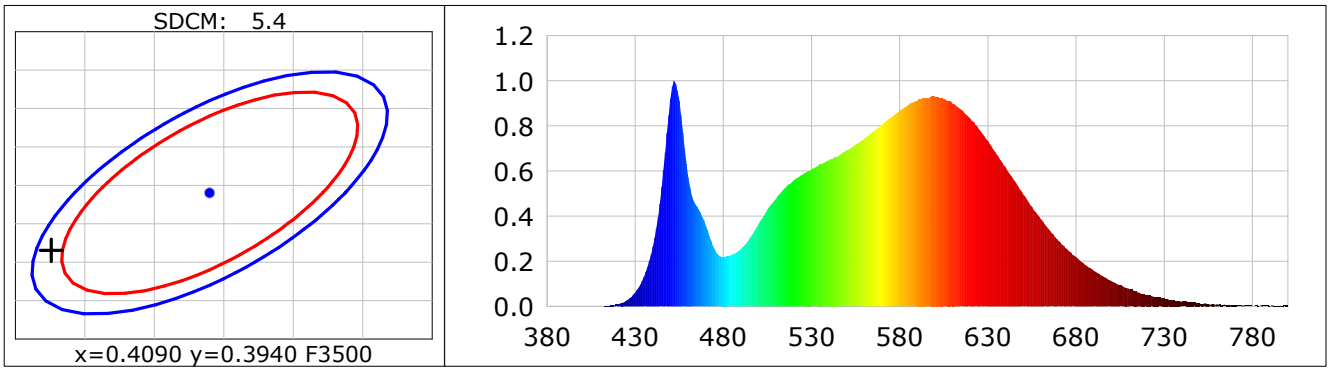
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3976 y=0.3865 u(u')=0.2324 v=0.3389 v'=0.5084
CCT: Tc=3642K (duv=-0.00008) Color Ratio: R=0.197 G=0.771 B=0.032
Peak Wavelength: 452.2nm Half Bandwidth: 17.3nm
Dominant Wavelength: 580.4nm Color Purity: 0.353
Central Wave: 453.2nm Gravity Wave: 452.8nm
CRI: Ra= 83.0 TM30: Rf= 83, Rg= 95
GAI: GAI_BB_8=93.0, GAI_BB_15=100.9, GAI_EES=67.4

R1 =82	R2 =90	R3 =95	R4 =82	R5 =82	R6 =86	R7 =85	R8 =63
R9 =10	R10=76	R11=80	R12=61	R13=84	R14=98	R15=76	

Color Quality Scale: Qa= 82.7, Qf= 82.9, Qp= 82.8, Qg= 93.0

Q1 =81	Q2 =98	Q3 =79	Q4 =76	Q5 =81	Q6 =83	Q7 =85	Q8 =88
Q9 =98	Q10=89	Q11=86	Q12=84	Q13=84	Q14=73	Q15=76	



Photometric Parameters

Luminous Flux: 1949.5 lm Efficiency: 99.97 lm/W Radiant Power: 5.813 W
Total mains efficacy: 99.97 lm/W Energy Efficiency Class: F (EU 2019/2015)

Electric Parameters

Voltage: 230.00V Current: 0.1460A Power: 19.50W
Power Factor: 0.5820 Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 46747 (2616)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 210.16 ms

Condition: Tx:28.4'C, Ti:26.4'C, R.H.:60% Test Device: CMS-2S (Plus)
Test Lab: Test Time: 2022-05-09 16:30:47
Operator: Inspector: