Lightsource Test Report

Product Infomation

Product Category: LED wall washer
Product Type: RL5-24
Product Spec: 24W
Product Number: C

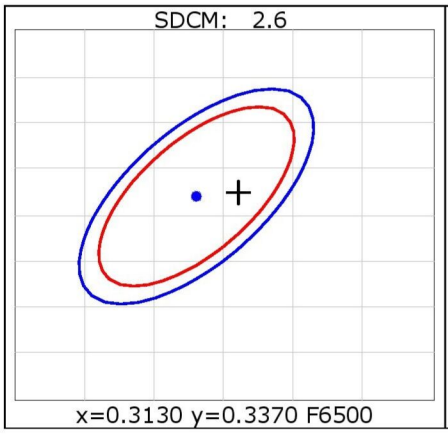
CIE Colorimetric Parameters

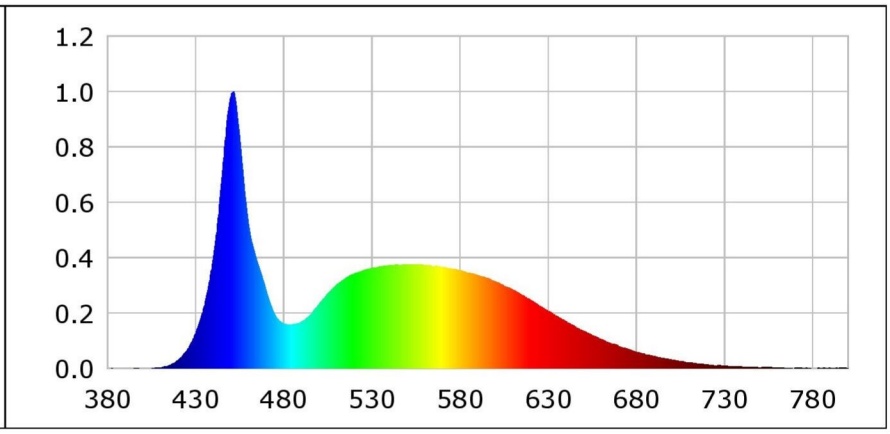
Chromaticity coordinates: x=0.3027 y=0.3139 u(u')=0.1965 v=0.3057 v'=0.4585
CCT: Tc=7280K (duv=0.00059)
Color Ratio: R=0.129 G=0.816 B=0.055
Peak Wavelength: 451.5nm
Half Bandwidth: 18.8nm
Dominant Wavelength: 483.1nm
Color Purity: 0.120
CRI: Ra= 83.4
TM30: Rf= 78, Rg= 95

R1 =84	R2 =83	R3 =78	R4 =90	R5 =84	R6 =75	R7 =91	R8 =82
R9 =28	R10=56	R11=89	R12=45	R13=84	R14=88	R15=84	

Color Quality Scale: Qa= 79.3, Qf= 78.3, Qp= 81.8, Qg= 92.8

Q1 =88	Q2 =97	Q3 =73	Q4 =64	Q5 =73	Q6 =79	Q7 =88	Q8 =92
Q9 =92	Q10=82	Q11=76	Q12=77	Q13=79	Q14=75	Q15=81	





Photometric Parameters

Luminous Flux: 1588.57 lm
Efficiency: 70.98 lm/W
EEI: 0.19
Energy Efficiency Class: A (EU 874-2012)
Radiant Power: 5.225 W

Electric Parameters

Voltage: 24.000V
Current: 0.9325A
Power: 22.38W
Power Factor: 1.0000
Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Sec
Max of Signal: 46828 (1936)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4∏
CCD Integration Time: 149.15 ms