Lightsource Test Report

Product Infomation

Product Category: SWG STANDART
Product Type: SWG2120-24-9.6-WW-66-M
Product Number: 36643

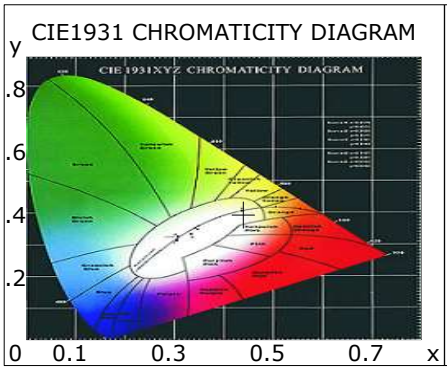
CIE Colorimetric Parameters

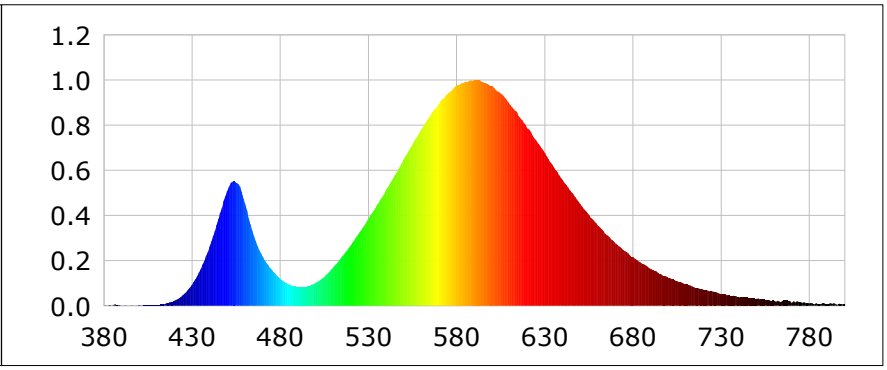
Chromaticity coordinates: x=0.4400 y=0.3973 u(u')=0.2555 v=0.3461 v'=0.5191
CCT: Tc=2893K (duv=-0.00311)
Color Ratio: R=0.210 G=0.772 B=0.018
Peak Wavelength: 590.4nm
Half Bandwidth: 106.3nm
Dominant Wavelength: 584.4nm
Color Purity: 0.513
CRI: Ra= 64.8
TM30: Rf= 67, Rg= 91
GAI: GAI_BB_8=94.6, GAI_BB_15=104.7, GAI_EES=51.4

R1 =60	R2 =79	R3 =92	R4 =55	R5 =58	R6 =68	R7 =73	R8 =35
R9 =-49	R10=50	R11=42	R12=37	R13=63	R14=96	R15=55	

Color Quality Scale: Qa= 64.3, Qf= 64.7, Qp= 68.6, Qg= 86.1

Q1 =67	Q2 =96	Q3 =62	Q4 =51	Q5 =58	Q6 =59	Q7 =61	Q8 =71
Q9 =93	Q10=76	Q11=66	Q12=63	Q13=65	Q14=54	Q15=58	





Photometric Parameters

Luminous Flux: 456.34 lm
Efficiency: 45.18 lm/W
Radiant Power: 1.303 W
EEI: 0.25
Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

Voltage: 24.000V
Current: 0.4209A
Power: 10.10W
Power Factor: 1.0000
Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 45404 (3443)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 524.01 ms

Condition: Tx:19.9'C, Ti:19.6'C, R.H.:60%
Test Device: Lisun LMS-9000A(Plus)
Test Lab:
Test Time: 2024-10-17 09:57:44
Operator:
Inspector: