

Lightsource Test Report

Product Infomation

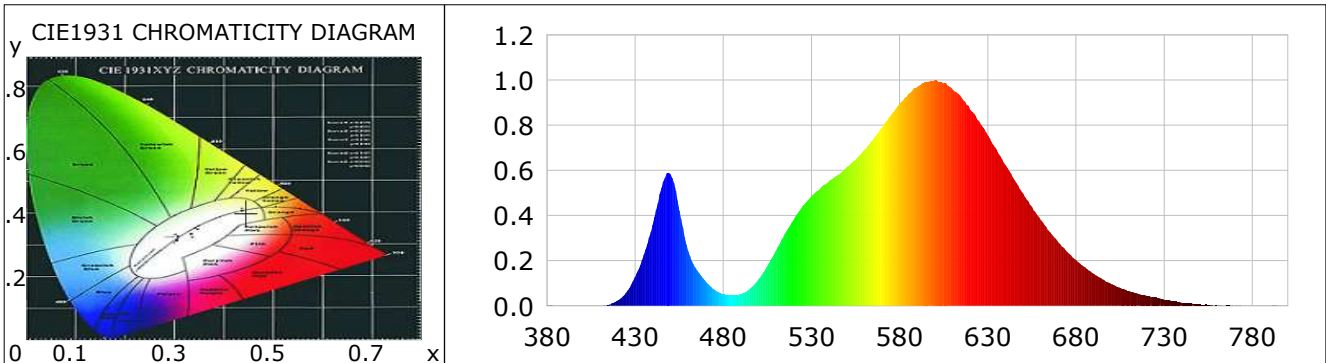
Product Category: SWG2120-12-12-WW-M
Product Number: 354-SW

Product Type: 9237

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4449$ $y=0.4017$ $u(u')=0.2568$ $v=0.3478$ $v'=0.5216$
 CCT: $T_c=2850K$ ($duv=-0.00194$) Color Ratio: $R=0.226$ $G=0.761$ $B=0.013$
 Peak Wavelength: 600.3nm Half Bandwidth: 117.7nm
 Dominant Wavelength: 584.2nm Color Purity: 0.541
 CRI: $R_a=71.8$ TM30: $R_f=72$, $R_g=97$
 GAI: $GAI_BB_8=99.3$, $GAI_BB_15=106.4$, $GAI_EES=52.8$

R1 =69	R2 =81	R3 =91	R4 =69	R5 =68	R6 =74	R7 =77	R8 =46
R9 =-26	R10=56	R11=63	R12=45	R13=71	R14=94	R15=63	
Color Quality Scale: $Q_a=70.7$, $Q_f=70.6$, $Q_p=75.9$, $Q_g=92.0$							
Q1 =67	Q2 =96	Q3 =67	Q4 =64	Q5 =69	Q6 =67	Q7 =67	Q8 =75
Q9 =94	Q10=78	Q11=74	Q12=72	Q13=73	Q14=61	Q15=63	



Photometric Parameters

Luminous Flux: 1047.9 lm
EEI: 0.13

Efficiency: 100.18 lm/W
Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 2.969 W

Electric Parameters

Voltage: 12.004V
Power Factor: 1.0000

Current: 0.8714A
Frequency: 0.00Hz

Power: 10.46W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 43393 (3006)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 226.83 ms

Condition: $T_x:18.3^{\circ}C$, $T_i:18.5^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2024-03-14 09:14:12
Inspector: