

Lightsource Test Report

Product Infomation

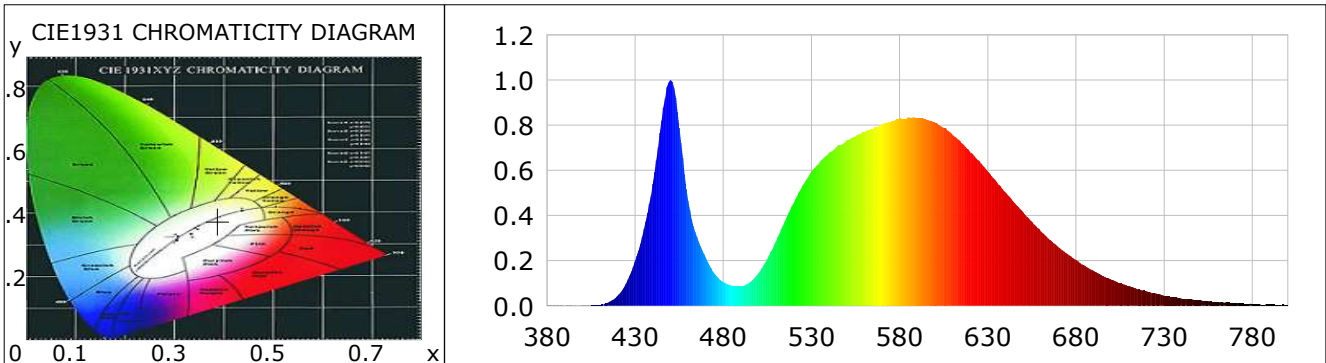
Product Category: SWG2120-12-12-NW-M
Product Number: 353-BR

Product Type: 9236

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3874$ $y=0.3746$ $u(u')=0.2306$ $v=0.3345$ $v'=0.5017$
 CCT: $T_c=3796K$ ($duv=-0.00297$) Color Ratio: $R=0.179$ $G=0.799$ $B=0.022$
 Peak Wavelength: 450.1nm Half Bandwidth: 20.2nm
 Dominant Wavelength: 581.4nm Color Purity: 0.287
 CRI: $R_a=72.6$ TM30: $R_f=72$, $R_g=96$
 GAI: $GAI_BB_8=96.2$, $GAI_BB_15=103.8$, $GAI_EES=72.5$

R1 =71	R2 =79	R3 =83	R4 =71	R5 =69	R6 =69	R7 =82	R8 =57
R9 =-14	R10=48	R11=64	R12=38	R13=72	R14=90	R15=68	
Color Quality Scale: $Q_a=71.2$, $Q_f=70.0$, $Q_p=74.7$, $Q_g=93.0$							
Q1 =77	Q2 =95	Q3 =61	Q4 =56	Q5 =67	Q6 =69	Q7 =72	Q8 =82
Q9 =91	Q10=75	Q11=70	Q12=71	Q13=74	Q14=65	Q15=69	



Photometric Parameters

Luminous Flux: 1102.2 lm
EEI: 0.13

Efficiency: 99.25 lm/W
Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 3.257 W

Electric Parameters

Voltage: 12.004V
Power Factor: 1.0000

Current: 0.9252A
Frequency: 0.00Hz

Power: 11.11W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 45211 (3257)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 232.33 ms

Condition: $T_x:19.5^{\circ}C$, $T_i:18.4^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2024-02-22 11:43:59
Inspector: