

Lightsource Test Report

Product Infomation

Product Category: 1403.07.01
Product Spec: s1.wh

Product Type: full light.24watt
Product Number: 12

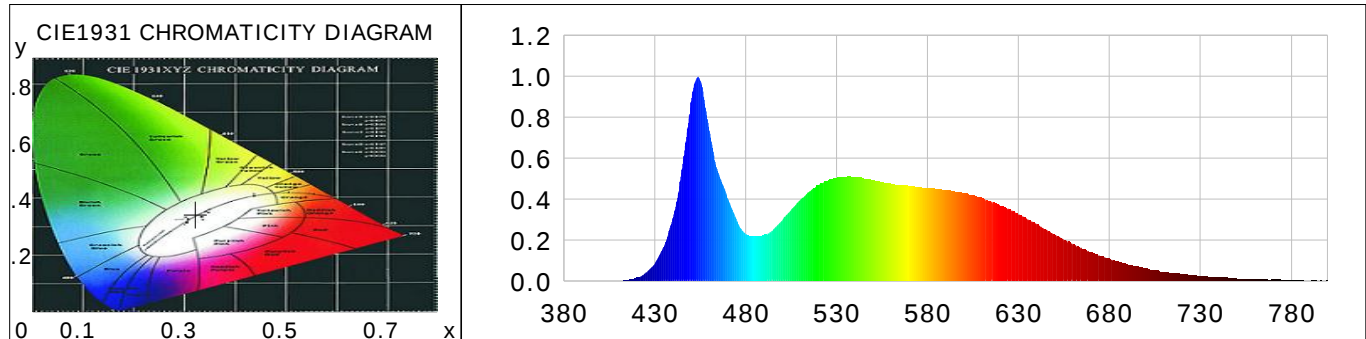
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3220$ $y=0.3444$ $u(u')=0.1985$ $v=0.3185$ $v'=0.4777$
CCT: $T_c=5964K$ ($duv=0.00645$) Color Ratio: $R=0.143$ $G=0.806$ $B=0.051$
Peak Wavelength: 453.8nm Half Bandwidth: 22.0nm
Dominant Wavelength: 505.2nm Color Purity: 0.034
CRI: $R_a=84.8$ TM30: $R_f=84$, $R_g=95$
GAI: $GAI_BB_8=90.5$, $GAI_BB_15=96.6$, $GAI_EES=85.9$

R1 =84	R2 =89	R3 =90	R4 =84	R5 =83	R6 =83	R7 =91	R8 =75
R9 =23	R10=71	R11=83	R12=54	R13=85	R14=95	R15=80	

Color Quality Scale: $Q_a=83.7$, $Q_f=83.6$, $Q_p=83.8$, $Q_g=92.8$

Q1 =85	Q2 =99	Q3 =78	Q4 =73	Q5 =79	Q6 =82	Q7 =87	Q8 =91
Q9 =96	Q10=88	Q11=86	Q12=86	Q13=87	Q14=77	Q15=81	



Photometric Parameters

Luminous Flux: 1736.9 lm
EEI: 0.18

Efficiency: 76.35 lm/W
Energy Efficiency Class: A (EU 874-2012)

Radiant Power: 5.541 W

Electric Parameters

Voltage: 231.10V
Power Factor: 0.4830

Current: 0.2030A
Frequency: 49.99Hz

Power: 22.75W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 47268 (2324)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4PI
CCD Integration Time: 73.41 ms

Condition: $T_x=25.8^{\circ}C$, $T_i=25.1^{\circ}C$, R.H.:60%
Test Lab: visena electric co
Operator: sepanta pouresmail

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2024-09-22 12:00:10
Inspector: