

Lightsource Test Report

Product Infomation

Product Category: 1403.07.22
Product Spec: 72 w-WH.S1

Product Type: 60*60
Product Number: 27

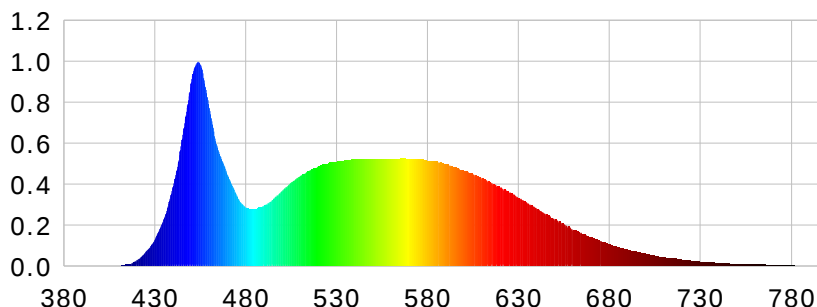
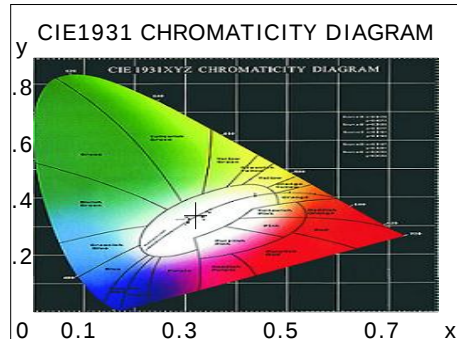
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3206$ $y=0.3422$ $u(u')=0.1984$ $v=0.3176$ $v'=0.4764$
CCT: $T_c=6036K$ ($duv=0.00600$) Color Ratio: $R=0.139$ $G=0.806$ $B=0.056$
Peak Wavelength: 453.9nm Half Bandwidth: 25.2nm
Dominant Wavelength: 500.9nm Color Purity: 0.039
CRI: $R_a=84.0$ TM30: $R_f=84$, $R_g=94$
GAI: $GAI_BB_8=89.0$, $GAI_BB_15=94.7$, $GAI_EES=84.8$

R1 =82	R2 =89	R3 =93	R4 =82	R5 =82	R6 =85	R7 =89	R8 =70
R9 =12	R10=74	R11=81	R12=59	R13=84	R14=97	R15=77	

Color Quality Scale: $Q_a=82.9$, $Q_f=83.1$, $Q_p=82.2$, $Q_g=91.2$

Q1 =83	Q2 =98	Q3 =81	Q4 =75	Q5 =79	Q6 =82	Q7 =86	Q8 =90
Q9 =97	Q10=89	Q11=85	Q12=85	Q13=84	Q14=73	Q15=77	



Photometric Parameters

Luminous Flux: 4566.4 lm
EEI: 0.22

Efficiency: 61.01 lm/W
Energy Efficiency Class: A (EU 874-2012)

Radiant Power: 14.565 W

Electric Parameters

Voltage: 230.80V
Power Factor: 0.5290

Current: 0.6120A
Frequency: 49.99Hz

Power: 74.85W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 46193 (2231)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4PI
CCD Integration Time: 29.51 ms

Condition: $T_x=25.1^{\circ}C$, $T_i=25.3^{\circ}C$, R.H.:60%
Test Lab: visena electric co
Operator: sepanta pouresmail

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2024-10-14 13:21:51
Inspector: