

Lightsource Test Report

Product Infomation

Product Category: 1403.04.12
Product Spec: WH

Product Type: Cob 25watt s1
Product Number: 246

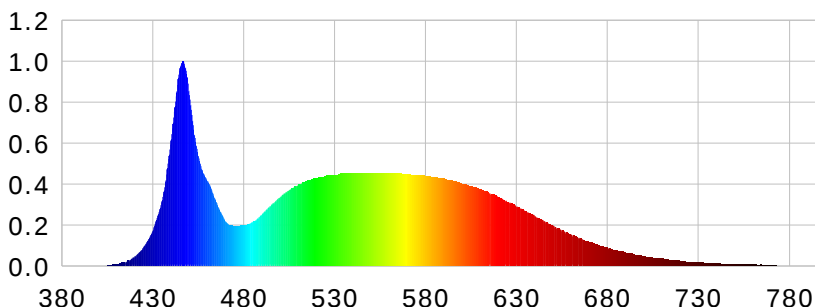
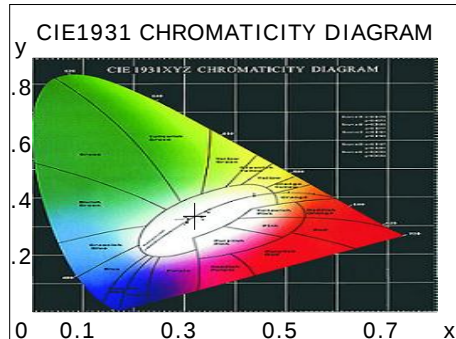
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3207$ $y=0.3388$ $u(u')=0.1997$ $v=0.3164$ $v'=0.4746$
CCT: $T_c=6042K$ ($duv=0.00424$) Color Ratio: $R=0.140$ $G=0.810$ $B=0.050$
Peak Wavelength: 446.5nm Half Bandwidth: 17.9nm
Dominant Wavelength: 497.4nm Color Purity: 0.039
CRI: $R_a=83.1$ TM30: $R_f=84$, $R_g=98$
GAI: $GAI_BB_8=93.0$, $GAI_BB_15=96.9$, $GAI_EES=88.6$

R1 =82	R2 =85	R3 =88	R4 =85	R5 =83	R6 =81	R7 =88	R8 =72
R9 =13	R10=66	R11=85	R12=63	R13=82	R14=94	R15=77	

Color Quality Scale: $Q_a=83.0$, $Q_f=82.6$, $Q_p=84.4$, $Q_g=94.1$

Q1 =86	Q2 =97	Q3 =78	Q4 =77	Q5 =83	Q6 =85	Q7 =87	Q8 =92
Q9 =95	Q10=85	Q11=83	Q12=83	Q13=83	Q14=73	Q15=78	



Photometric Parameters

Luminous Flux: 2071.5 lm
EEI: 0.17

Efficiency: 81.36 lm/W
Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 6.632 W

Electric Parameters

Voltage: 231.00V
Power Factor: 0.4610

Current: 0.2390A
Frequency: 49.99Hz

Power: 25.46W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 45789 (2431)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4PI
CCD Integration Time: 57.16 ms