

Lightsource Test Report

Product Information

Product Category: 1403.04.12
Product Spec: WH

Product Type: Cob 60watt s2
Product Number: 240

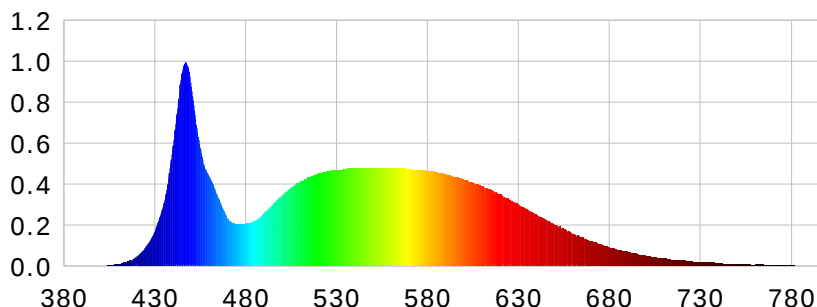
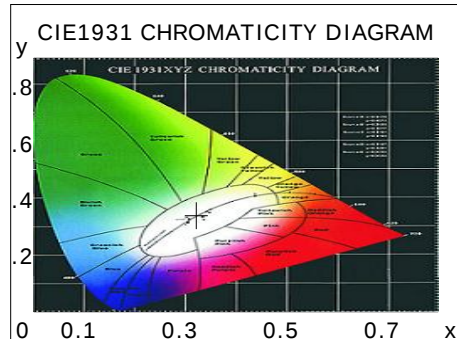
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3223$ $y=0.3430$ $u(u')=0.1992$ $v=0.3180$ $v'=0.4770$
CCT: $T_c=5956K$ ($duv=0.00564$) Color Ratio: $R=0.138$ $G=0.813$ $B=0.049$
Peak Wavelength: 447.0nm Half Bandwidth: 18.6nm
Dominant Wavelength: 503.7nm Color Purity: 0.033
CRI: $R_a=82.1$ TM30: $R_f=83$, $R_g=97$
GAI: $GAI_BB_8=91.2$, $GAI_BB_15=95.5$, $GAI_EES=86.5$

R1 =80	R2 =85	R3 =89	R4 =83	R5 =82	R6 =81	R7 =88	R8 =70
R9 =7	R10=65	R11=83	R12=61	R13=81	R14=94	R15=75	

Color Quality Scale: $Q_a=82.4$, $Q_f=82.2$, $Q_p=83.3$, $Q_g=93.0$

Q1 =85	Q2 =97	Q3 =78	Q4 =76	Q5 =82	Q6 =84	Q7 =86	Q8 =91
Q9 =96	Q10=85	Q11=83	Q12=82	Q13=83	Q14=71	Q15=77	



Photometric Parameters

Luminous Flux: 4589.3 lm
EEI: 0.17

Efficiency: 79.63 lm/W
Energy Efficiency Class: A (EU 874-2012)

Radiant Power: 14.530 W

Electric Parameters

Voltage: 230.90V
Power Factor: 0.4910

Current: 0.5080A
Frequency: 49.99Hz

Power: 57.63W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 45638 (2392)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4PI
CCD Integration Time: 26.88 ms