

Lightsource Test Report

Product Information

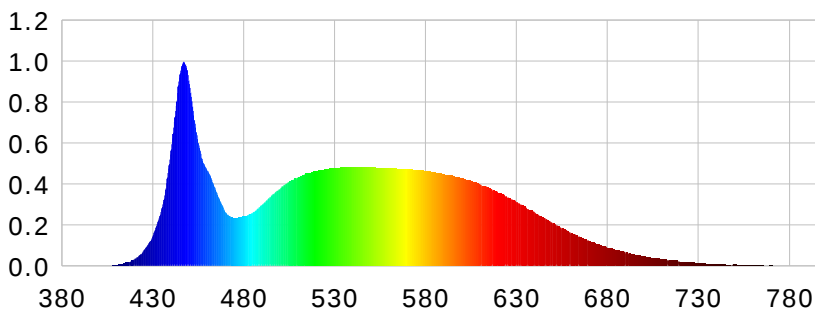
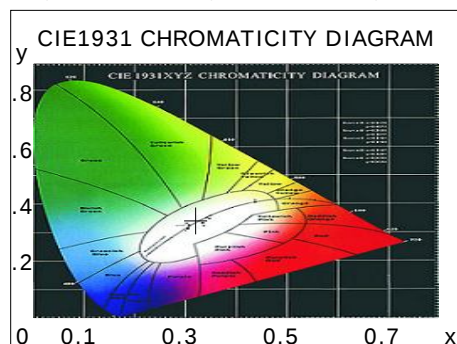
Product Category: 1403.04.05
Product Number: 150

Product Type: COB 10watt old

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3209$ $y=0.3435$ $u(u')=0.1981$ $v=0.3181$ $v'=0.4771$
CCT: $T_c=6018K$ ($duv=0.00654$) Color Ratio: $R=0.139$ $G=0.808$ $B=0.053$
Peak Wavelength: 447.1nm Half Bandwidth: 19.5nm
Dominant Wavelength: 502.8nm Color Purity: 0.038
CRI: $R_a=84.1$ TM30: $R_f=85$, $R_g=97$
GAI: $GAI_BB_8=90.9$, $GAI_BB_15=95.2$, $GAI_EES=86.6$

R1 =82	R2 =87	R3 =91	R4 =85	R5 =83	R6 =83	R7 =89	R8 =72
R9 =13	R10=70	R11=85	R12=64	R13=83	R14=95	R15=77	
Color Quality Scale: $Q_a=84.5$, $Q_f=84.5$, $Q_p=84.8$, $Q_g=93.1$							
Q1 =86	Q2 =98	Q3 =81	Q4 =79	Q5 =85	Q6 =86	Q7 =88	Q8 =92
Q9 =97	Q10=88	Q11=86	Q12=85	Q13=85	Q14=74	Q15=78	



Photometric Parameters

Luminous Flux: 767.97 lm
EEL: 0.16

Efficiency: 75.07 lm/W
Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 2.437 W

Electric Parameters

Voltage: 231.20V
Power Factor: 0.4350

Current: 0.1020A
Frequency: 49.99Hz

Power: 10.23W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms ALC.: 1.0000
Max of Signal: 45687 (2981)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4PI
CCD Integration Time: 163.35 ms