

Lightsource Test Report

Product Information

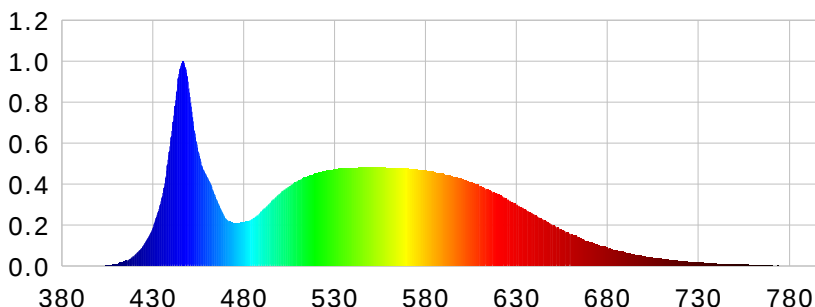
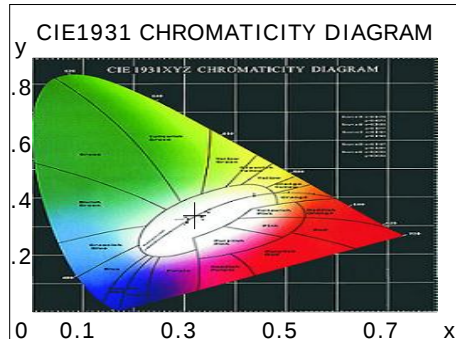
Product Category: 1403.04.12
Product Spec: WH

Product Type: Cob 15watt s1
Product Number: 252

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3211$ $y=0.3420$ $u(u')=0.1988$ $v=0.3176$ $v'=0.4764$
CCT: $T_c=6012K$ ($duv=0.00568$) Color Ratio: $R=0.138$ $G=0.813$ $B=0.050$
Peak Wavelength: 446.6nm Half Bandwidth: 18.9nm
Dominant Wavelength: 501.2nm Color Purity: 0.037
CRI: $R_a=82.2$ TM30: $R_f=83$, $R_g=97$
GAI: $GAI_BB_8=91.2$, $GAI_BB_15=95.2$, $GAI_EES=86.8$

R1 =80	R2 =85	R3 =89	R4 =83	R5 =82	R6 =81	R7 =87	R8 =70
R9 =6	R10=65	R11=83	R12=63	R13=81	R14=94	R15=75	
Color Quality Scale: $Q_a=82.6$, $Q_f=82.4$, $Q_p=83.4$, $Q_g=93.0$							
Q1 =85	Q2 =97	Q3 =78	Q4 =77	Q5 =83	Q6 =85	Q7 =86	Q8 =91
Q9 =96	Q10=85	Q11=83	Q12=83	Q13=83	Q14=71	Q15=76	



Photometric Parameters

Luminous Flux: 1204.6 lm
EEI: 0.17

Efficiency: 78.89 lm/W
Energy Efficiency Class: A (EU 874-2012)

Radiant Power: 3.818 W

Electric Parameters

Voltage: 231.00V
Power Factor: 0.4680

Current: 0.1410A
Frequency: 49.99Hz

Power: 15.27W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 46089 (2484)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4PI
CCD Integration Time: 104.43 ms

Condition: $T_x=27.4^{\circ}C$, $T_i=26.1^{\circ}C$, R.H.:60%
Test Lab: visena electric co
Operator: sepanta pouresmaeil

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2024-07-02 10:07:53
Inspector: