

Lightsource Test Report

Product Infomation

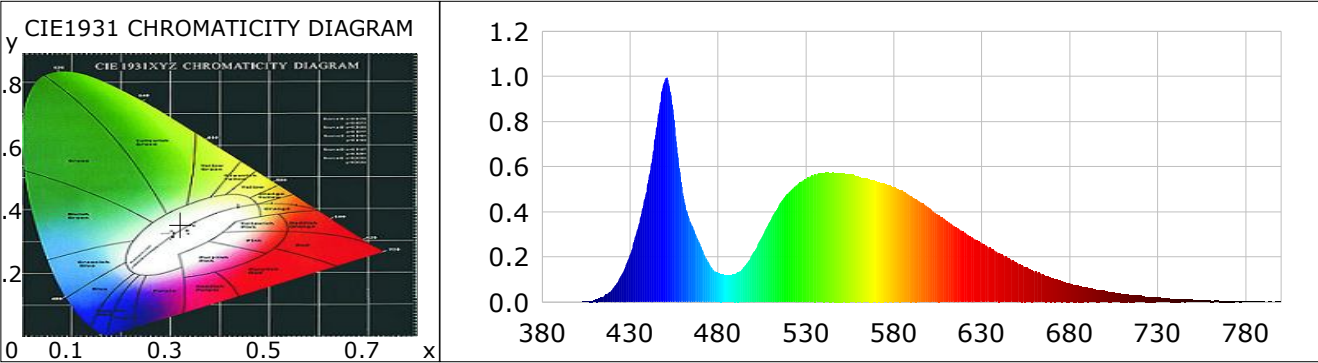
Product Category: LED COB
Product Number: 1

Product Type: 6000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3207$ $y=0.3535$ $u(u')=0.1944$ $v=0.3213$ $v'=0.4820$
CCT: $T_c=5996K$ ($duv=0.01149$) Color Ratio: $R=0.118$ $G=0.846$ $B=0.036$
Peak Wavelength: 450.7nm Half Bandwidth: 20.5nm
Dominant Wavelength: 514.8nm Color Purity: 0.042
CRI: $R_a=70.6$ TM30: $R_f=74$, $R_g=92$
GAI: $GAI_BB_8=81.9$, $GAI_BB_15=88.7$, $GAI_EES=77.8$

R1 =66	R2 =74	R3 =80	R4 =71	R5 =68	R6 =66	R7 =82	R8 =57
R9 =-40	R10=39	R11=67	R12=38	R13=67	R14=89	R15=60	
Color Quality Scale: $Q_a=72.4$, $Q_f=72.2$, $Q_p=73.3$, $Q_g=87.0$							
Q1 =80	Q2 =95	Q3 =67	Q4 =62	Q5 =69	Q6 =71	Q7 =75	Q8 =84
Q9 =92	Q10=76	Q11=72	Q12=73	Q13=74	Q14=57	Q15=66	



Photometric Parameters

Luminous Flux: 1173.3 lm Efficiency: 96.17 lm/W Radiant Power: 3.495 W
EEI: 0.14 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.98V Current: 0.9760A Power: 12.20W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 3 Sec ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4T
Max of Signal: 48683 (2111) CCD Integration Time: 361.28 ms

Condition: $T_x=21.1^{\circ}C$, $T_i=0.0^{\circ}C$, R.H.:60%
Test Lab:
Operator: 008

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2024-11-27 16:29:58
Inspector: