

Lightsource Test Report

Product Infomation

Product Type: 01-WL01-COB-2x10W
 Submitted Unit:

Product Number: 1

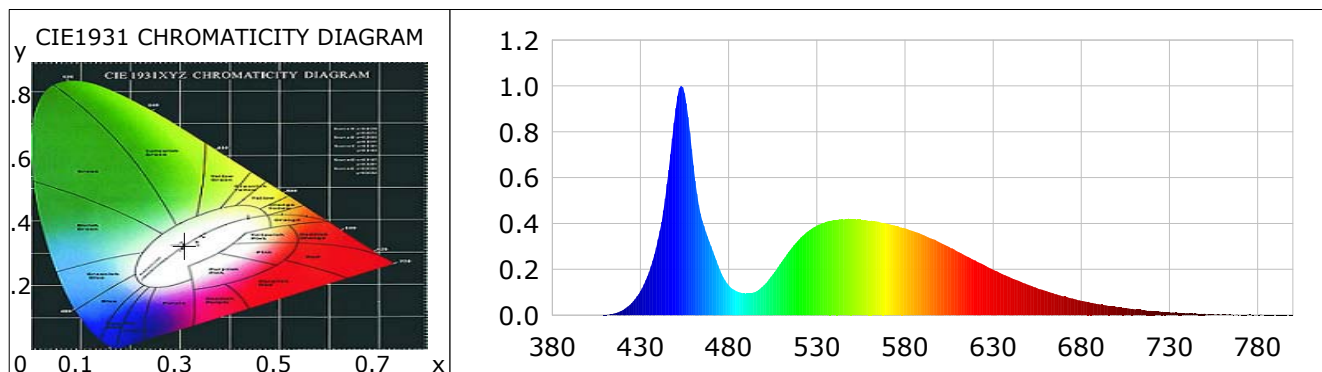
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3088$ $y=0.3234$ $u(u')=0.1973$ $v=0.3098$ $v'=0.4647$
 CCT: $T_c=6774K$ ($duv=0.00227$) Color Ratio: $R=0.122$ $G=0.833$ $B=0.045$
 Peak Wavelength: 453.1nm Half Bandwidth: 18.8nm
 Dominant Wavelength: 486.3nm Color Purity: 0.090
 Central Wave: 453.2nm Gravity Wave: 453.1nm
 CRI: $R_a=74.7$ TM30: $R_f=73$, $R_g=92$
 GAI: $GAI_BB_8=87.1$, $GAI_BB_15=94.3$, $GAI_EES=85.9$

R1 =73	R2 =79	R3 =80	R4 =74	R5 =72	R6 =69	R7 =85	R8 =65
R9 =-16	R10=47	R11=69	R12=37	R13=74	R14=88	R15=71	

Color Quality Scale: $Q_a=71.0$, $Q_f=70.1$, $Q_p=73.7$, $Q_g=88.5$

Q1 =83	Q2 =96	Q3 =64	Q4 =52	Q5 =63	Q6 =69	Q7 =77	Q8 =86
Q9 =90	Q10=75	Q11=68	Q12=70	Q13=73	Q14=63	Q15=71	



Photometric Parameters

Luminous Flux: 1299.1 lm Efficiency: 0.00 lm/W Radiant Power: 4.077 W
 Total mains efficacy: 0.00 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 230.00V Current: 0.0000A Power: 0.00W
 Power Factor: 0.0000 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 Sec ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4π
 Max of Signal: 46941 (1858) CCD Integration Time: 149.28 ms