

Lightsource Test Report

Product Information

Product Category: 1403.08.21
 Product Spec: wh.s2

Product Type: fulllight sueface 30w
 Product Number: 4

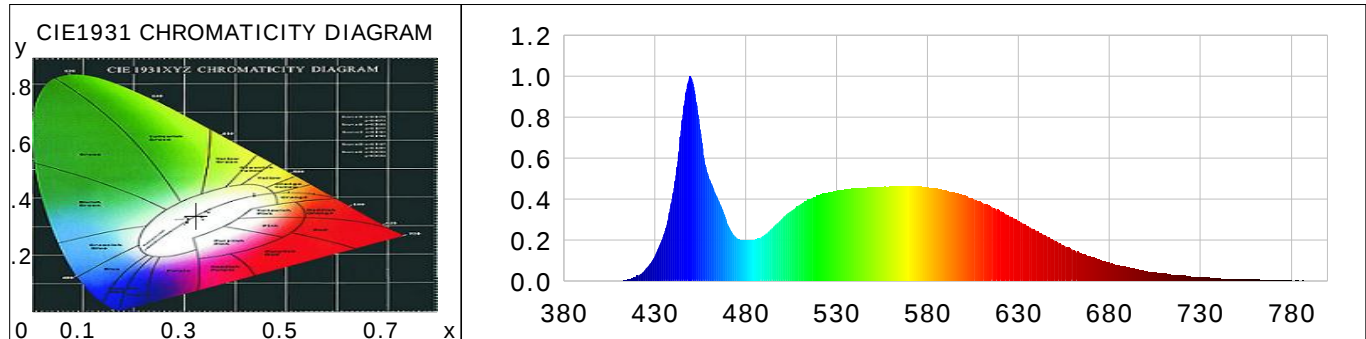
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3233$ $y=0.3388$ $u(u')=0.2015$ $v=0.3167$ $v'=0.4750$
 CCT: $T_c=5920K$ ($duv=0.00304$) Color Ratio: $R=0.141$ $G=0.809$ $B=0.050$
 Peak Wavelength: 449.6nm Half Bandwidth: 19.2nm
 Dominant Wavelength: 509.9nm Color Purity: 0.031
 CRI: $R_a=82.7$ TM30: $R_f=83$, $R_g=96$
 GAI: $GAI_BB_8=92.2$, $GAI_BB_15=97.3$, $GAI_EES=87.3$

R1 =81	R2 =86	R3 =89	R4 =83	R5 =82	R6 =81	R7 =88	R8 =70
R9 =10	R10=67	R11=83	R12=58	R13=82	R14=94	R15=77	

Color Quality Scale: $Q_a=81.3$, $Q_f=80.9$, $Q_p=82.4$, $Q_g=92.9$

Q1 =85	Q2 =97	Q3 =75	Q4 =72	Q5 =80	Q6 =83	Q7 =86	Q8 =90
Q9 =95	Q10=85	Q11=81	Q12=81	Q13=82	Q14=72	Q15=77	



Photometric Parameters

Luminous Flux: 2523.9 lm Efficiency: 79.85 lm/W Radiant Power: 8.008 W
 EEI: 0.17 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 230.80V Current: 0.2490A Power: 31.61W
 Power Factor: 0.5500 Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 Sec ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.00m, 4PI
 Max of Signal: 46866 (1937) CCD Integration Time: 46.99 ms