

Lightsource Test Report

Product Infomation

Product Type: SOP0092-02B-005

Product Number: 49

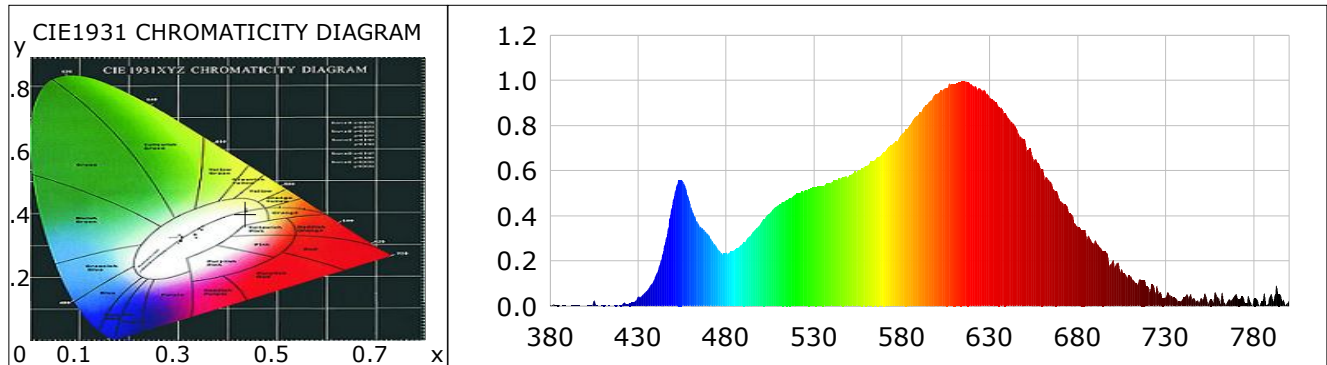
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4356$ $y=0.4001$ $u(u')=0.2514$ $v=0.3464$ $v'=0.5196$
 CCT: $T_c=2991K$ ($duv=-0.00139$) Color Ratio: $R=0.246$ $G=0.723$ $B=0.031$
 Peak Wavelength: 615.9nm Half Bandwidth: 148.5nm
 Dominant Wavelength: 583.4nm Color Purity: 0.508
 CRI: $R_a=91.9$, $avgR(1\sim14)=89.4$, $avgR(1\sim15)=89.2$ TM30: $R_f=90$, $R_g=98$
 GAI: $GAI_BB_8=100.4$, $GAI_BB_15=107.1$, $GAI_EES=57.4$

R1 =93	R2 =98	R3 =97	R4 =93	R5 =94	R6 =96	R7 =88	R8 =76
R9 =49	R10=96	R11=95	R12=82	R13=95	R14=99	R15=87	

Color Quality Scale: $Q_a=90.5$, $Q_f=91.9$, $Q_p=92.5$, $Q_g=95.4$

Q1 =86	Q2 =95	Q3 =91	Q4 =89	Q5 =92	Q6 =94	Q7 =93	Q8 =92
Q9 =96	Q10=96	Q11=94	Q12=92	Q13=91	Q14=85	Q15=85	



Photometric Parameters

Luminous Flux: 228.12 lm	Efficiency: 35.98 lm/W	Radiant Power: 0.744 W
EEI: 0.26	Energy Efficiency Class: B (EU 874-2012)	
Pupil Flux: 304.43 Plm	Pupil Lumens Per Watt: 48.02 Plm/W	Pupil Factor (Kp): 1.335

Electric Parameters

Voltage: 220.70V	Current: 0.0400A	Power: 6.34W
Power Factor: 0.7180	Frequency: 49.99Hz	

Test Infomation

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 3 Min ALC.: 1.0000	Photometric Condition: Sphere diameter: 1.50m, 4T
Max of Signal: 21201 (5287)	CCD Integration Time: 1000.00 ms