

Lightsource Test Report

Product Information

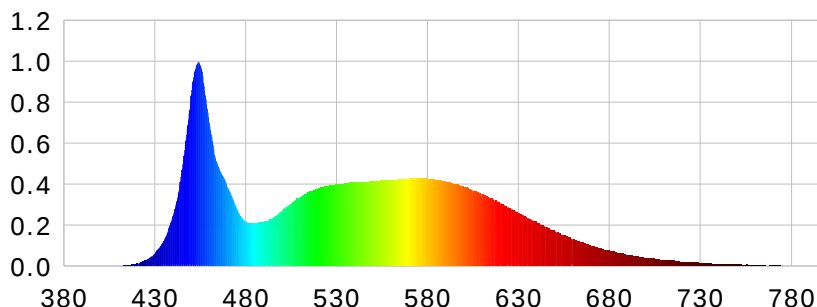
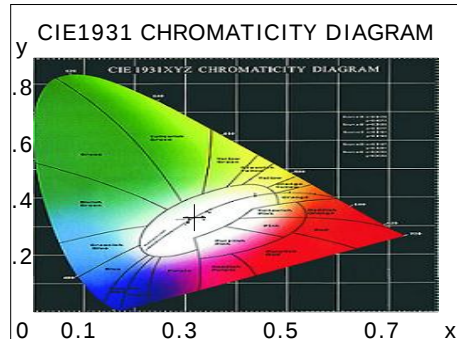
Product Category: 1403.05.9
Product Spec: wh

Product Type: AC.24watt.s2
Product Number: 9

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3189$ $y=0.3342$ $u(u')=0.2002$ $v=0.3147$ $v'=0.4720$
CCT: $T_c=6150K$ ($duv=0.00280$) Color Ratio: $R=0.139$ $G=0.805$ $B=0.056$
Peak Wavelength: 454.0nm Half Bandwidth: 19.3nm
Dominant Wavelength: 492.5nm Color Purity: 0.048
CRI: $R_a=83.6$ TM30: $R_f=82$, $R_g=93$
GAI: $GAI_BB_8=90.1$, $GAI_BB_15=96.2$, $GAI_EES=86.4$

R1 =82	R2 =90	R3 =93	R4 =81	R5 =82	R6 =84	R7 =87	R8 =69
R9 =9	R10=75	R11=81	R12=55	R13=85	R14=97	R15=78	
Color Quality Scale: $Q_a=80.7$, $Q_f=80.8$, $Q_p=80.7$, $Q_g=90.9$							
Q1 =82	Q2 =98	Q3 =78	Q4 =70	Q5 =76	Q6 =79	Q7 =85	Q8 =89
Q9 =97	Q10=88	Q11=83	Q12=82	Q13=82	Q14=71	Q15=76	



Photometric Parameters

Luminous Flux: 1462.1 lm
EEI: 0.23

Efficiency: 58.67 lm/W
Energy Efficiency Class: A (EU 874-2012)

Radiant Power: 4.661 W

Electric Parameters

Voltage: 231.00V
Power Factor: 0.5330

Current: 0.2020A
Frequency: 49.99Hz

Power: 24.92W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 47701 (2326)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4PI
CCD Integration Time: 76.24 ms