

Lightsource Test Report

Product Information

Product Category: 1403.04.19
Product Spec: WH

Product Type: AC.12.Wh.S1
Product Number: 8

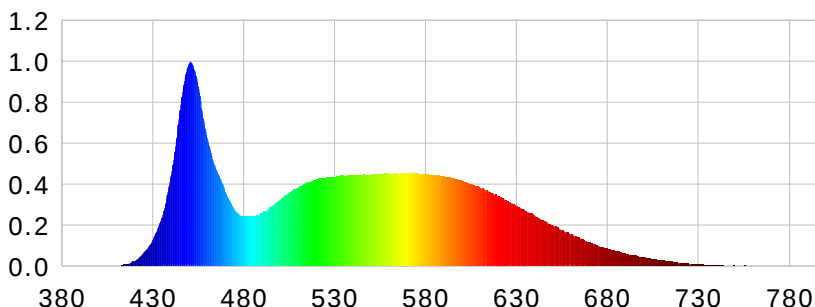
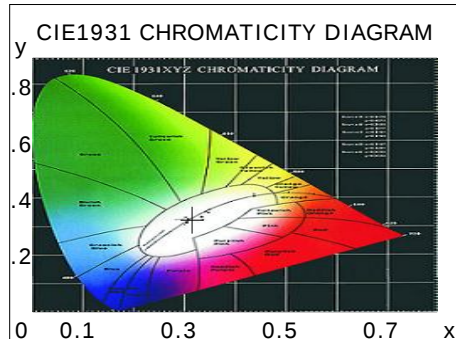
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3153$ $y=0.3271$ $u(u')=0.2003$ $v=0.3118$ $v'=0.4677$
CCT: $T_c=6378K$ ($duv=0.00092$) Color Ratio: $R=0.141$ $G=0.802$ $B=0.057$
Peak Wavelength: 450.9nm Half Bandwidth: 23.1nm
Dominant Wavelength: 487.2nm Color Purity: 0.065
CRI: $R_a=85.9$ TM30: $R_f=84$, $R_g=96$
GAI: $GAI_BB_8=93.9$, $GAI_BB_15=98.6$, $GAI_EES=91.1$

R1 =85	R2 =90	R3 =92	R4 =86	R5 =86	R6 =85	R7 =89	R8 =75
R9 =23	R10=75	R11=86	R12=62	R13=87	R14=96	R15=82	

Color Quality Scale: $Q_a=83.1$, $Q_f=82.8$, $Q_p=84.2$, $Q_g=93.8$

Q1 =86	Q2 =98	Q3 =78	Q4 =73	Q5 =81	Q6 =85	Q7 =89	Q8 =92
Q9 =96	Q10=87	Q11=83	Q12=83	Q13=83	Q14=75	Q15=80	



Photometric Parameters

Luminous Flux: 595.16 lm
EEI: 0.24

Efficiency: 50.01 lm/W
Energy Efficiency Class: A (EU 874-2012)

Radiant Power: 1.936 W

Electric Parameters

Voltage: 231.00V
Power Factor: 0.5690

Current: 0.0900A
Frequency: 49.99Hz

Power: 11.90W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 45140 (2740)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4PI
CCD Integration Time: 191.60 ms