

Lightsource Test Report

Product Information

Product Category: 1403.07.01
Product Spec: s1.nw

Product Type: full light (new sample)
Product Number: 6

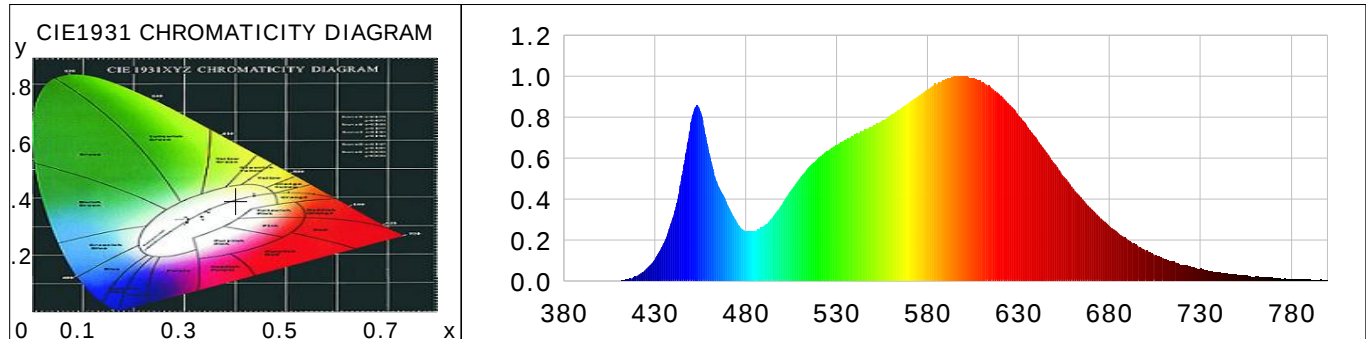
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4022$ $y=0.3918$ $u(u')=0.2333$ $v=0.3408$ $v'=0.5112$
CCT: $T_c=3578K$ ($duv=0.00116$) Color Ratio: $R=0.199$ $G=0.771$ $B=0.031$
Peak Wavelength: 597.2nm Half Bandwidth: 147.0nm
Dominant Wavelength: 580.1nm Color Purity: 0.383
CRI: $R_a=83.2$ TM30: $R_f=84$, $R_g=95$
GAI: $GAI_BB_8=91.3$, $GAI_BB_15=98.8$, $GAI_EES=65.0$

R1 =82	R2 =89	R3 =95	R4 =82	R5 =81	R6 =86	R7 =86	R8 =65
R9 =13	R10=74	R11=80	R12=62	R13=83	R14=97	R15=76	

Color Quality Scale: $Q_a=83.4$, $Q_f=83.7$, $Q_p=83.1$, $Q_g=92.9$

Q1 =82	Q2 =98	Q3 =80	Q4 =77	Q5 =82	Q6 =83	Q7 =85	Q8 =89
Q9 =98	Q10=89	Q11=86	Q12=85	Q13=85	Q14=74	Q15=77	



Photometric Parameters

Luminous Flux: 1296.3 lm Efficiency: 71.19 lm/W Radiant Power: 3.919 W
EEI: 0.19 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 231.20V Current: 0.1660A Power: 18.21W
Power Factor: 0.4740 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: 45668 (2299) CCD Integration Time: 191.66 ms