

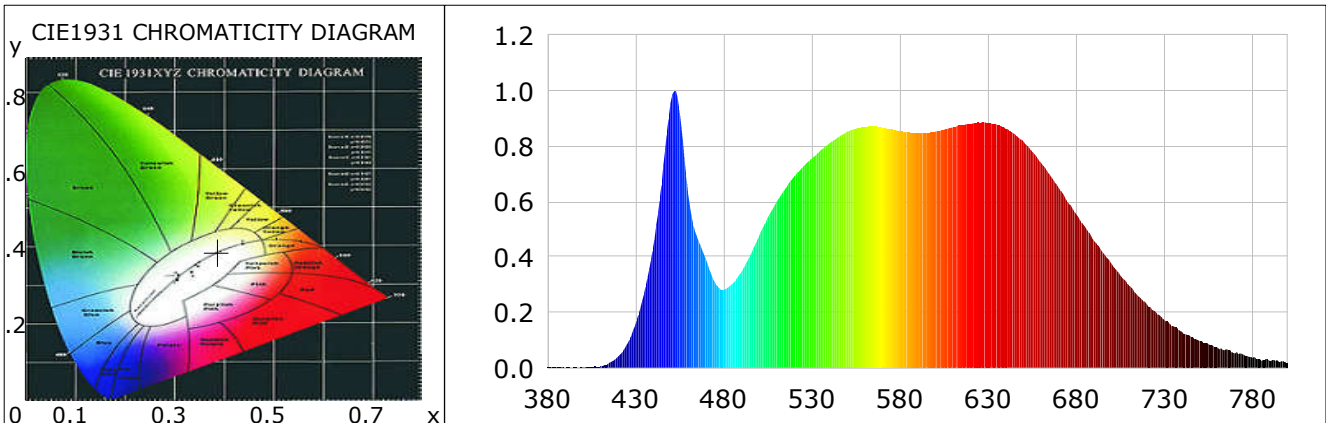
Lightsource Test Report

Product Information

Product Category: SY-601243-BL-7-36-NW Product Type: 4837
Product Spec: 6-SY

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3851$ $y=0.3858$ $u(u')=0.2246$ $v=0.3375$ $v'=0.5062$
 CCT: $T_c=3944K$ ($duv=0.00284$) Color Ratio: $R=0.193$ $G=0.773$ $B=0.035$
 Peak Wavelength: 452.6nm Half Bandwidth: 22.0nm
 Dominant Wavelength: 577.9nm Color Purity: 0.314
 CRI: $R_a=89.8$, $avgR(1\sim14)=85.5$, $avgR(1\sim15)=85.8$ TM30: $R_f=88$, $R_g=99$
 $R_1=89$ $R_2=90$ $R_3=90$ $R_4=90$ $R_5=87$ $R_6=85$ $R_7=95$ $R_8=88$
 $R_9=66$ $R_{10}=76$ $R_{11}=88$ $R_{12}=63$ $R_{13}=89$ $R_{14}=94$ $R_{15}=89$
 Color Quality Scale: $Q_a=89.9$, $Q_f=89.6$, $Q_p=90.6$, $Q_g=97.8$
 $Q_1=94$ $Q_2=99$ $Q_3=83$ $Q_4=82$ $Q_5=87$ $Q_6=89$ $Q_7=90$ $Q_8=94$
 $Q_9=96$ $Q_{10}=91$ $Q_{11}=91$ $Q_{12}=92$ $Q_{13}=93$ $Q_{14}=90$ $Q_{15}=92$



Photometric Parameters

Luminous Flux: 930.95 lm Efficiency: 77.75 lm/W Radiant Power: 3.232 W
 EEI: 0.17 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 24.000V Current: 0.4989A Power: 11.97W
 Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 1 ms
 Max of Signal: 43680 (3868)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4PI
 CCD Integration Time: 366.55 ms

Condition: $T_x=25.0^\circ C$, $T_i=23.5^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Lisun LMS-9000A(Plus)
 Test Time: 2019-01-28 11:38:52
 Inspector: