

Lightsource Test Report

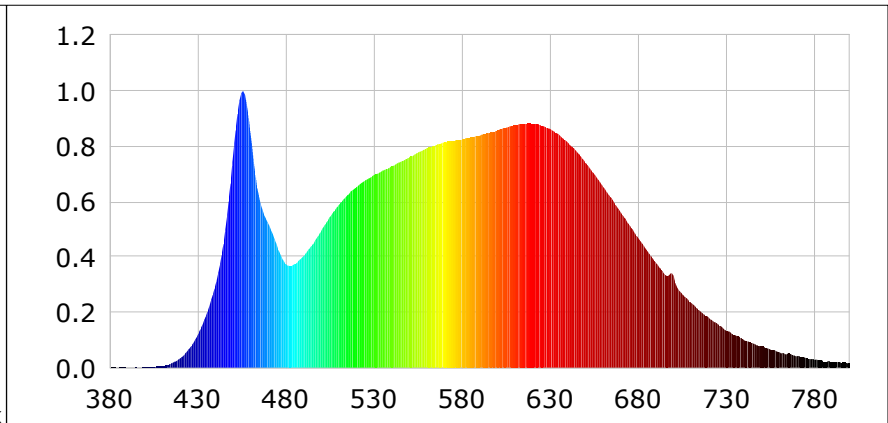
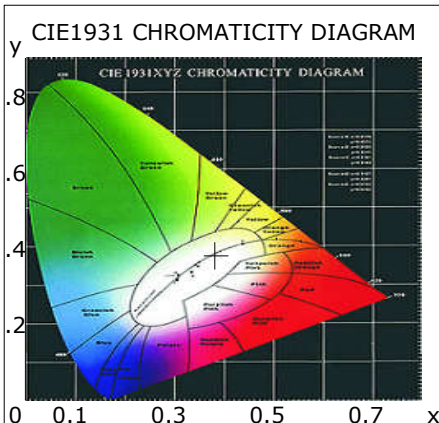
Product Information

Product Category: VL-BASE-SL-NW
Product Spec:

Product Type: 4291

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3839$ $y=0.3800$ $u(u')=0.2261$ $v=0.3357$ $v'=0.5035$
 CCT: $T_c=3931K$ ($duv=0.00053$) Color Ratio: $R=0.199$ $G=0.759$ $B=0.042$
 Peak Wavelength: 455.9nm Half Bandwidth: 25.7nm
 Dominant Wavelength: 597.9nm Color Purity: 0.293
 CRI: $R_a=92.9$, $avgR(1\sim14)=89.6$, $avgR(1\sim15)=89.7$ TM30: $R_f=88$, $R_g=97$
 $R_1=93$ $R_2=96$ $R_3=96$ $R_4=91$ $R_5=91$ $R_6=93$ $R_7=93$ $R_8=86$
 $R_9=67$ $R_{10}=89$ $R_{11}=91$ $R_{12}=70$ $R_{13}=94$ $R_{14}=98$ $R_{15}=91$
 Color Quality Scale: $Q_a=91.6$, $Q_f=91.5$, $Q_p=91.5$, $Q_g=96.9$
 $Q_1=91$ $Q_2=98$ $Q_3=88$ $Q_4=85$ $Q_5=88$ $Q_6=90$ $Q_7=93$ $Q_8=95$
 $Q_9=99$ $Q_{10}=96$ $Q_{11}=94$ $Q_{12}=94$ $Q_{13}=94$ $Q_{14}=91$ $Q_{15}=91$



Photometric Parameters

Luminous Flux: 1308.80 lm
EEI: 0.16

Efficiency: 87.20 lm/W
Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 4.510 W

Electric Parameters

Voltage: 218.00V
Power Factor: 0.6080

Current: 0.1130A
Frequency: 50.00Hz

Power: 15.01W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 1 Sec
Max of Signal: 44982 (4056)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 199.22 ms

Condition: $T_x=28.1^\circ C$, $T_i=26.5^\circ C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-08-17 14:18:08
Inspector: