

Lightsource Test Report

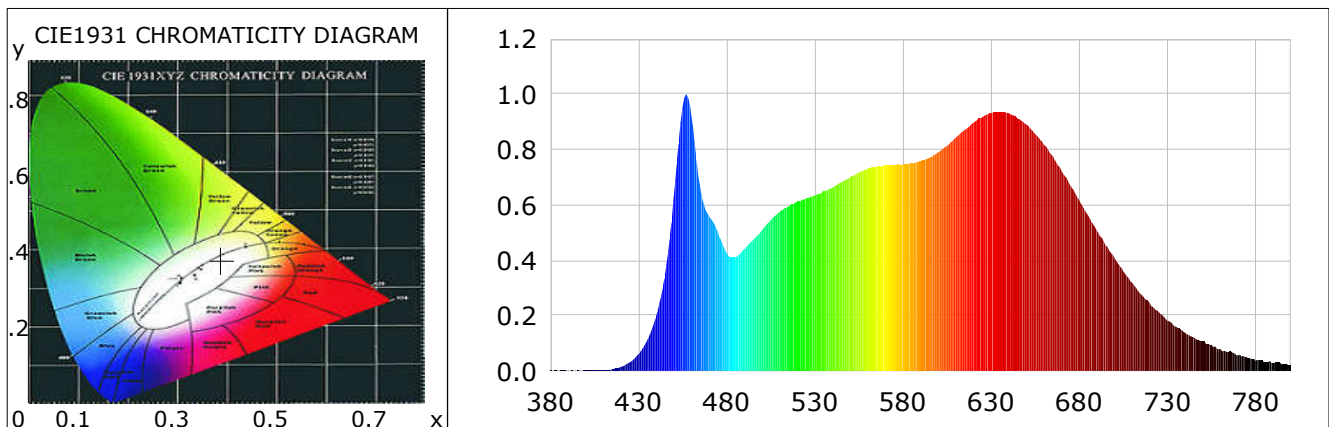
Product Information

Product Category: LK2H98-24-NW-33
Product Spec:

Product Type: 3143
Product Number: 40

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3891$ $y=0.3771$ $u(u')=0.2307$ $v=0.3353$ $v'=0.5030$
 CCT: $T_c=3774K$ ($duv=-0.00225$) Color Ratio: $R=0.215$ $G=0.738$ $B=0.047$
 Peak Wavelength: 457.2nm Half Bandwidth: 27.0nm
 Dominant Wavelength: 581.1nm Color Purity: 0.299
 CRI: $R_a=96.5$, $avgR(1\sim14)=95.3$, $avgR(1\sim15)=95.3$ TM30: $R_f=90$, $R_g=98$
 $R_1=96$ $R_2=97$ $R_3=99$ $R_4=96$ $R_5=96$ $R_6=95$ $R_7=95$ $R_8=95$
 $R_9=94$ $R_{10}=95$ $R_{11}=99$ $R_{12}=75$ $R_{13}=97$ $R_{14}=99$ $R_{15}=95$
 Color Quality Scale: $Q_a=94.9$, $Q_f=94.3$, $Q_p=95.9$, $Q_g=100.2$
 $Q_1=91$ $Q_2=97$ $Q_3=93$ $Q_4=90$ $Q_5=92$ $Q_6=94$ $Q_7=99$ $Q_8=99$
 $Q_9=99$ $Q_{10}=100$ $Q_{11}=99$ $Q_{12}=99$ $Q_{13}=99$ $Q_{14}=97$ $Q_{15}=95$



Photometric Parameters

Luminous Flux: 887.66 lm
EEI: 0.13

Efficiency: 98.64 lm/W

Radiant Power: 3.338 W

Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 23.999V
Power Factor: 1.0000

Current: 0.3750A
Frequency: 0.00Hz

Power: 9.00W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 1 Sec
Max of Signal: 45228 (3839)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 271.13 ms

Condition: $T_x=25.9^\circ C$, $T_i=24.1^\circ C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-11-15 17:45:48
Inspector: