

Lightsource Test Report

Product Information

Product Category: LK2H98-24-WW-33

Product Type: 3142

Product Spec:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4475$ $y=0.4104$ $u(u')=0.2547$ $v=0.3503$ $v'=0.5254$

CCT: $T_c=2880K$ ($duv=0.00112$)

Color Ratio: $R=0.257$ $G=0.712$ $B=0.031$

Peak Wavelength: 635.2nm

Half Bandwidth: 163.5nm

Dominant Wavelength: 583.0nm

Color Purity: 0.575

CRI: $R_a=97.9$, $avgR(1\sim14)=96.9$, $avgR(1\sim15)=97.0$ TM30: $R_f=92$, $R_g=98$

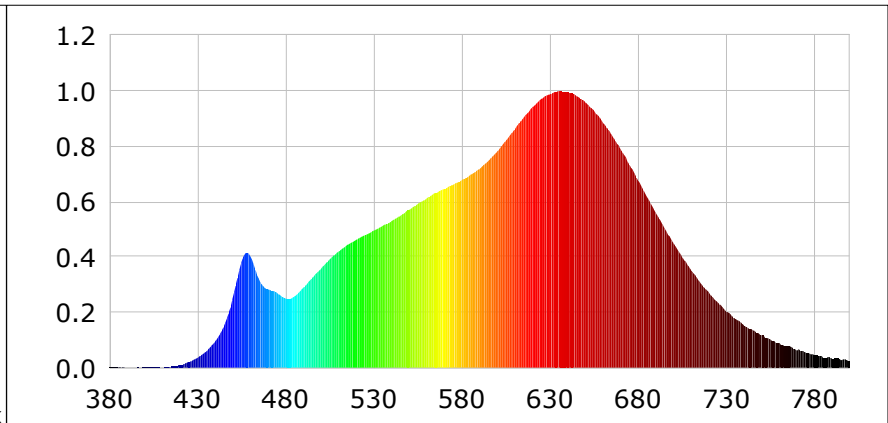
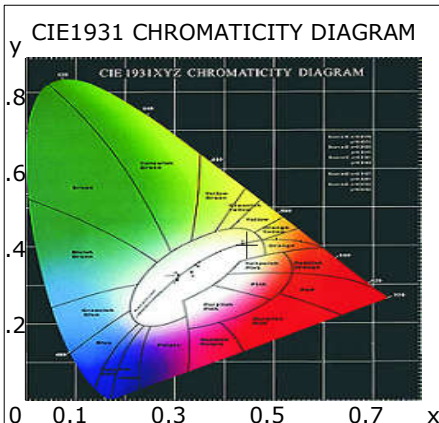
$R_1=98$ $R_2=99$ $R_3=98$ $R_4=97$ $R_5=98$ $R_6=97$ $R_7=96$ $R_8=96$

$R_9=93$ $R_{10}=99$ $R_{11}=98$ $R_{12}=85$ $R_{13}=99$ $R_{14}=98$ $R_{15}=97$

Color Quality Scale: $Q_a=94.2$, $Q_f=95.7$, $Q_p=96.2$, $Q_g=96.2$

$Q_1=90$ $Q_2=94$ $Q_3=96$ $Q_4=94$ $Q_5=94$ $Q_6=94$ $Q_7=96$ $Q_8=96$

$Q_9=94$ $Q_{10}=93$ $Q_{11}=95$ $Q_{12}=96$ $Q_{13}=97$ $Q_{14}=96$ $Q_{15}=94$



Photometric Parameters

Luminous Flux: 900.46 lm

Efficiency: 93.48 lm/W

Radiant Power: 3.458 W

EEL: 0.14

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

Electric Parameters

Voltage: 23.999V

Current: 0.4014A

Power: 9.63W

Power Factor: 1.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 1 Sec

Max of Signal: 44260 (4540)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 320.34 ms

Condition: $T_x=30.2^\circ C$, $T_i=28.6^\circ C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-08-02 12:11:51

Inspector: