

Lightsource Test Report

Product Information

Product Category: VL-BASE-GD-WW

Product Type: 4290

Product Spec:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4398$ $y=0.4088$ $u(u')=0.2504$ $v=0.3491$ $v'=0.5237$

CCT: $T_c=2991K$ ($duv=0.00149$)

Color Ratio: $R=0.245$ $G=0.727$ $B=0.027$

Peak Wavelength: 633.8nm

Half Bandwidth: 175.8nm

Dominant Wavelength: 582.4nm

Color Purity: 0.547

CRI: $R_a=96.1$, $avgR(1\sim14)=93.9$, $avgR(1\sim15)=94.0$ TM30: $R_f=94$, $R_g=100$

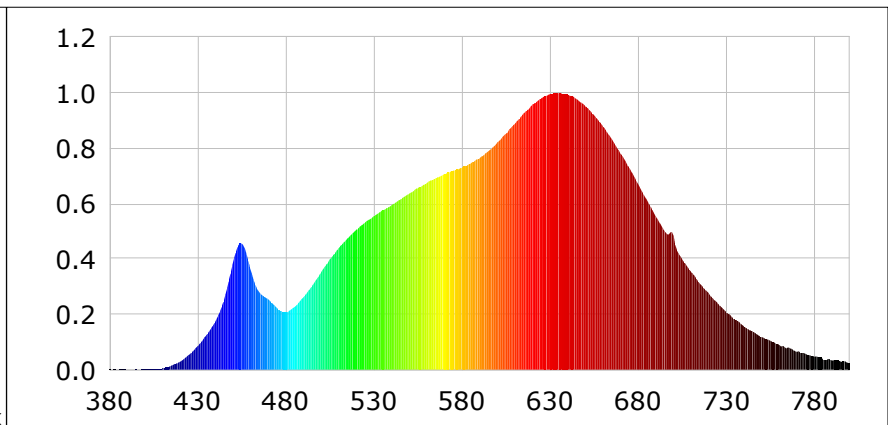
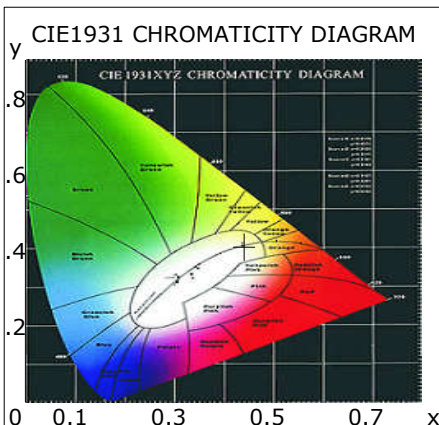
$R_1=96$ $R_2=96$ $R_3=94$ $R_4=97$ $R_5=95$ $R_6=95$ $R_7=98$ $R_8=94$

$R_9=84$ $R_{10}=90$ $R_{11}=97$ $R_{12}=81$ $R_{13}=96$ $R_{14}=95$ $R_{15}=95$

Color Quality Scale: $Q_a=94.2$, $Q_f=95.6$, $Q_p=96.0$, $Q_g=97.7$

$Q_1=95$ $Q_2=97$ $Q_3=90$ $Q_4=91$ $Q_5=94$ $Q_6=94$ $Q_7=94$ $Q_8=96$

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



Photometric Parameters

Luminous Flux: 988.02 lm
EEI: 0.20

Efficiency: 65.30 lm/W

Radiant Power: 3.695 W

Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 218.80V

Current: 0.1140A

Power: 15.13W

Power Factor: 0.6050

Frequency: 49.98Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 1 Sec

Max of Signal: 44542 (4209)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 326.85 ms

Condition: $T_x=27.9^\circ C$, $T_i=26.5^\circ C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2018-08-17 14:09:17

Inspector: