

Lightsource Test Report

Product Infomation

Product Type: KELLY 10

Product Number: 51

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3364$ $y=0.3744$ $u(u')=0.1973$ $v=0.3294$ $v'=0.4941$

CCT: $T_c=5368K$ ($duv=0.01451$)

Color Ratio: $R=0.119$ $G=0.860$ $B=0.022$

Peak Wavelength: 444.7nm

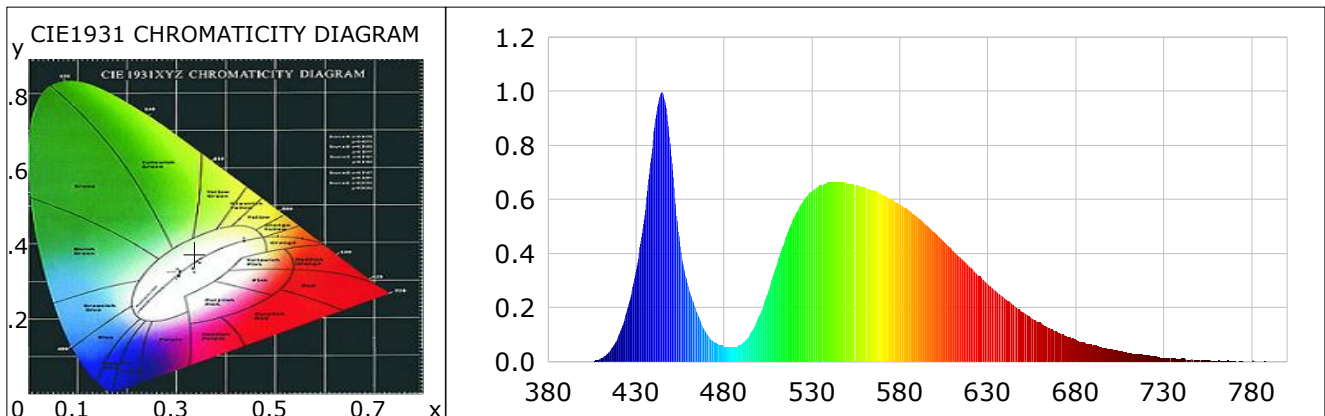
Half Bandwidth: 20.0nm

Dominant Wavelength: 557.7nm

Color Purity: 0.134

CRI: $R_a=64.0$

TM30: $R_f=64$, $R_g=90$
 $R_1=62$ $R_2=63$ $R_3=64$ $R_4=70$ $R_5=64$ $R_6=52$ $R_7=75$ $R_8=58$
 $R_9=-48$ $R_{10}=13$ $R_{11}=68$ $R_{12}=24$ $R_{13}=59$ $R_{14}=79$ $R_{15}=56$

Color Quality Scale: $Q_a=69.1$, $Q_f=68.9$, $Q_p=70.6$, $Q_g=85.4$
 $Q_1=76$ $Q_2=94$ $Q_3=64$ $Q_4=59$ $Q_5=67$ $Q_6=67$ $Q_7=72$ $Q_8=84$
 $Q_9=89$ $Q_{10}=71$ $Q_{11}=67$ $Q_{12}=68$ $Q_{13}=70$ $Q_{14}=54$ $Q_{15}=63$


Photometric Parameters

Luminous Flux: 969.91 lm
EEI: 0.09

Efficiency: 141.39 lm/W

Radiant Power: 2.711 W

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

Electric Parameters

Voltage: 22.868V

Current: 0.3000A

Power: 6.86W

Power Factor: 1.0000

Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 44154 (4396)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4 π

CCD Integration Time: 131.51 ms

Condition: $T_x=31.8^\circ C$, $T_i=0.0^\circ C$, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2017-06-06 11:38:52

Inspector: