

Lightsource Test Report

Product Infomation

Product Category: KZ-2-DLW-12-NW

Product Number: 521

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3793$ $y=0.3816$ $u(u')=0.2224$ $v=0.3357$ $v'=0.5036$

CCT: $T_c=4067K$ ($duv=0.00261$)

Color Ratio: $R=0.177$ $G=0.788$ $B=0.035$

Peak Wavelength: 449.9nm

Half Bandwidth: 20.7nm

Dominant Wavelength: 577.4nm

Color Purity: 0.284

CRI: $R_a=81.4$

TM30: $R_f=83$, $R_g=95$

GAI: $GAI_BB_8=88.7$, $GAI_BB_15=95.5$, $GAI_EES=70.9$

$R_1=79$

$R_2=87$

$R_3=94$

$R_4=81$

$R_5=79$

$R_6=83$

$R_7=86$

$R_8=63$

$R_9=1$

$R_{10}=70$

$R_{11}=80$

$R_{12}=59$

$R_{13}=81$

$R_{14}=97$

$R_{15}=72$

Color Quality Scale: $Q_a=81.9$, $Q_f=82.2$, $Q_p=81.3$, $Q_g=91.6$

$Q_1=81$

$Q_2=98$

$Q_3=79$

$Q_4=76$

$Q_5=81$

$Q_6=82$

$Q_7=84$

$Q_8=89$

$Q_9=97$

$Q_{10}=88$

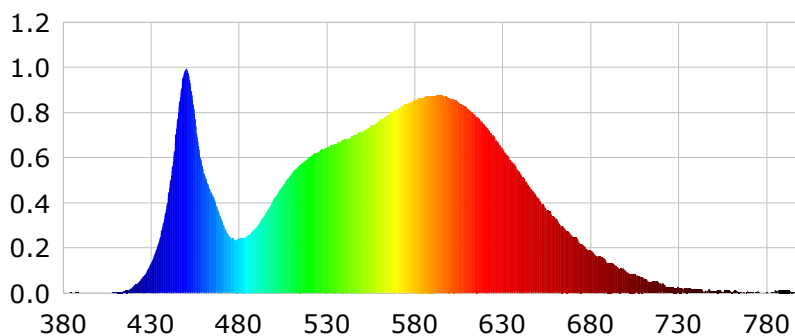
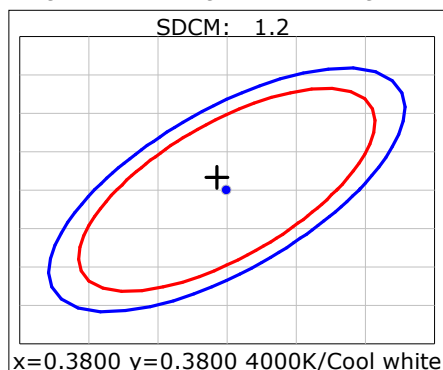
$Q_{11}=85$

$Q_{12}=84$

$Q_{13}=83$

$Q_{14}=70$

$Q_{15}=74$



Photometric Parameters

Luminous Flux: 1240.11 lm

Efficiency: 95.54 lm/W

Radiant Power: 3.673 W

EEI: 0.14

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

Electric Parameters

Voltage: 220.00V

Current: 0.1140A

Power: 12.98W

Power Factor: 0.5190

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms ALC.: 1.0000

Photometric Condition: Sphere diameter: 1.50m, 4 π

Max of Signal: 46140 (2667)

CCD Integration Time: 224.40 ms