

Lightsource Test Report

Product Infomation

Product Category: KZ-2-DLW-30-NW

Product Number: 371

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3802$ $y=0.3817$ $u(u')=0.2230$ $v=0.3358$ $v'=0.5037$

CCT: $T_c=4043K$ ($duv=0.00239$)

Color Ratio: $R=0.179$ $G=0.784$ $B=0.036$

Peak Wavelength: 452.2nm

Half Bandwidth: 21.3nm

Dominant Wavelength: 577.7nm

Color Purity: 0.287

CRI: $R_a=82.3$

TM30: $R_f=83$, $R_g=94$

GAI: $GAI_BB_8=88.3$, $GAI_BB_15=95.8$, $GAI_EES=70.3$

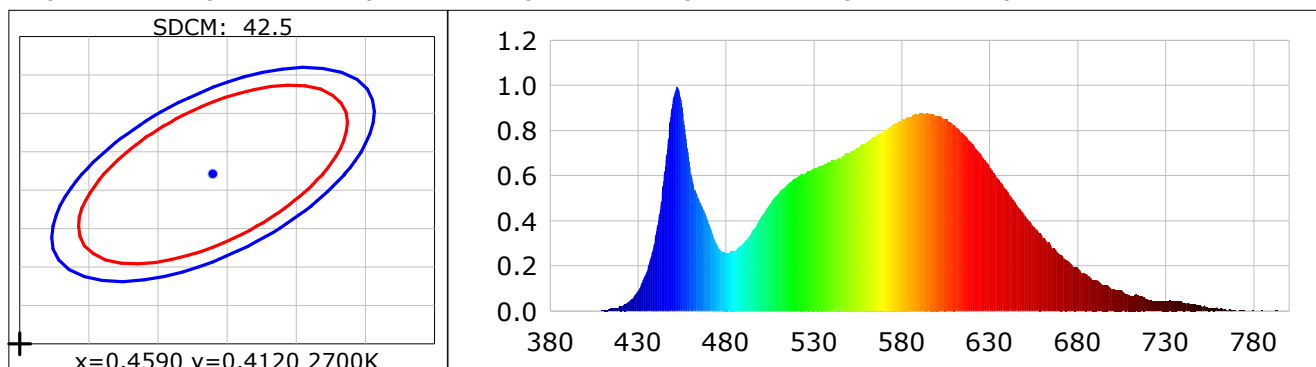
$R1=80$ $R2=89$ $R3=95$ $R4=81$ $R5=80$ $R6=85$ $R7=85$ $R8=63$

$R9=3$ $R10=74$ $R11=80$ $R12=59$ $R13=82$ $R14=98$ $R15=73$

Color Quality Scale: $Q_a=82.4$, $Q_f=82.8$, $Q_p=81.3$, $Q_g=91.1$

$Q1=81$ $Q2=98$ $Q3=80$ $Q4=76$ $Q5=81$ $Q6=82$ $Q7=85$ $Q8=89$

$Q9=98$ $Q10=90$ $Q11=86$ $Q12=85$ $Q13=84$ $Q14=71$ $Q15=75$



Photometric Parameters

Luminous Flux: 3090.27 lm

Efficiency: 104.15 lm/W

Radiant Power: 9.226 W

EEI: 0.13

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

Electric Parameters

Voltage: 219.90V

Current: 0.3070A

Power: 29.67W

Power Factor: 0.4380

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: 46036 (2438)

CCD Integration Time: 115.20 ms