

Lightsource Test Report

Product Information

Product Category: KZ-2-DLW-7-WW

Product Number: 504

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4333$ $y=0.4052$ $u(u')=0.2478$ $v=0.3475$ $v'=0.5213$

CCT: $T_c=3071K$ ($duv=0.00097$)

Color Ratio: $R=0.223$ $G=0.754$ $B=0.023$

Peak Wavelength: 602.2nm

Half Bandwidth: 133.7nm

Dominant Wavelength: 582.2nm

Color Purity: 0.517

CRI: $R_a=81.7$

TM30: $R_f=84$, $R_g=97$

GAI: $GAI_BB_8=91.9$, $GAI_BB_15=97.9$, $GAI_EES=54.5$

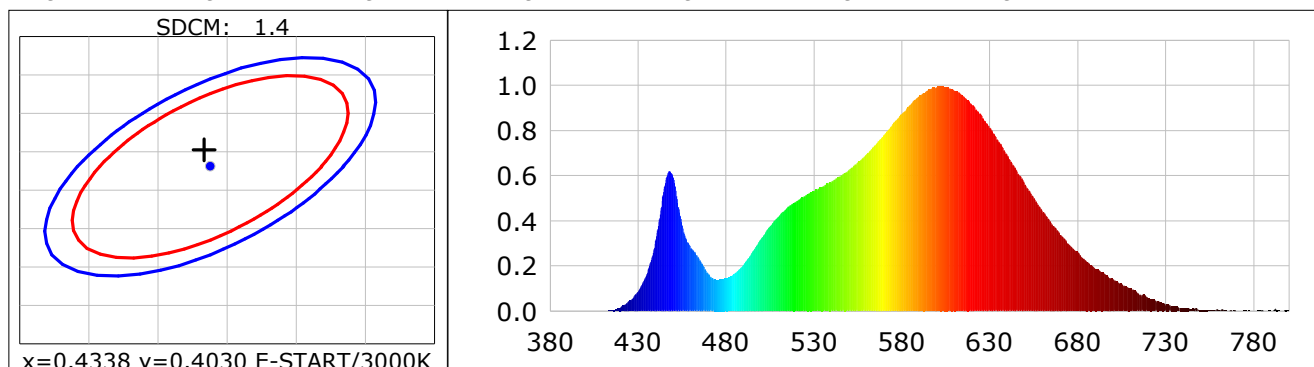
$R1=80$ $R2=88$ $R3=96$ $R4=81$ $R5=80$ $R6=86$ $R7=83$ $R8=59$

$R9=3$ $R10=74$ $R11=81$ $R12=67$ $R13=81$ $R14=98$ $R15=72$

Color Quality Scale: $Q_a=81.7$, $Q_f=83.2$, $Q_p=82.9$, $Q_g=91.8$

$Q1=77$ $Q2=96$ $Q3=81$ $Q4=80$ $Q5=83$ $Q6=82$ $Q7=83$ $Q8=86$

$Q9=96$ $Q10=88$ $Q11=86$ $Q12=84$ $Q13=83$ $Q14=70$ $Q15=73$



Photometric Parameters

Luminous Flux: 686.35 lm

Efficiency: 89.60 lm/W

Radiant Power: 2.034 W

EEI: 0.14

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

Electric Parameters

Voltage: 220.00V

Current: 0.0700A

Power: 7.66W

Power Factor: 0.4980

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: 46854 (2455)

CCD Integration Time: 608.05 ms