

Lightsource Test Report

Product Information

Product Category: MLL004-A
Product Spec: 4000K

Product Type: 30W
Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3786$ $y=0.3796$ $u(u')=0.2228$ $v=0.3350$ $v'=0.5025$

CCT: $T_c=4072K$ ($duv=0.00187$)

Color Ratio: $R=0.180$ $G=0.784$ $B=0.036$

Peak Wavelength: 451.9nm

Half Bandwidth: 17.5nm

Dominant Wavelength: 577.8nm

Color Purity: 0.275

CRI: $R_a=82.9$

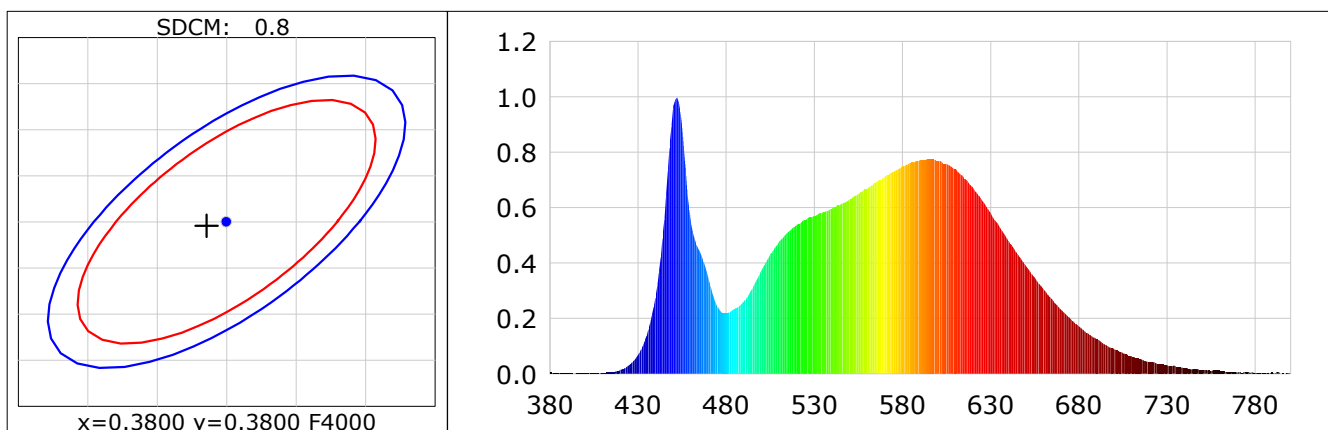
$R1=81$ $R2=89$ $R3=95$ $R4=82$ $R5=81$ $R6=85$ $R7=86$ $R8=64$

$R9=7$ $R10=74$ $R11=81$ $R12=58$ $R13=83$ $R14=97$ $R15=75$

Color Quality Scale: $Q_a=82.8$, $Q_f=83.1$, $Q_p=82.2$, $Q_g=91.9$

$Q1=81$ $Q2=98$ $Q3=80$ $Q4=76$ $Q5=81$ $Q6=83$ $Q7=85$ $Q8=89$

$Q9=98$ $Q10=90$ $Q11=86$ $Q12=85$ $Q13=84$ $Q14=72$ $Q15=76$



Photometric Parameters

Luminous Flux: 3915.82 lm
EEI: 0.11

Efficiency: 127.68 lm/W

Radiant Power: 11.711 W

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

Electric Parameters

Voltage: 219.80V
Power Factor: 0.9660

Current: 0.1450A
Frequency: 50.00Hz

Power: 30.67W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 49549 (3635)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4 π
CCD Integration Time: 338.48 ms

Condition: $T_x=27.0^\circ C$, $T_i=24.4^\circ C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-3000S
Test Time: 2023-02-24 15:57:49
Inspector: