

Lightsource Test Report

Product Information

Product Type: 2756202

Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3823$ $y=0.3744$ $u(u')=0.2273$ $v=0.3339$ $v'=0.5008$

CCT: $T_c=3932K$ ($duv=-0.00164$)

Color Ratio: $R=0.190$ $G=0.769$ $B=0.040$

Peak Wavelength: 452.3nm

Half Bandwidth: 24.7nm

Dominant Wavelength: 580.2nm

Color Purity: 0.271

CRI: $R_a=85.1$

TM30: $R_f=85$, $R_g=95$

GAI: $GAI_BB_8=94.5$, $GAI_BB_15=101.2$, $GAI_EES=73.5$

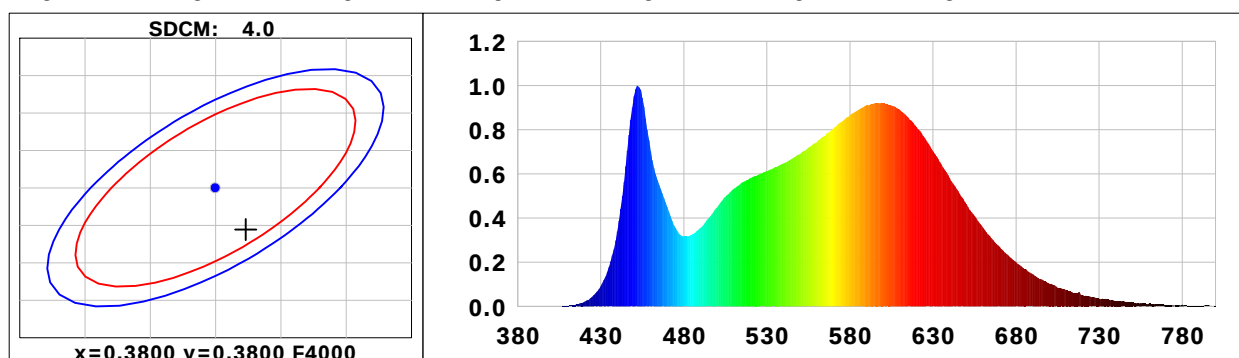
$R1=84$ $R2=93$ $R3=96$ $R4=83$ $R5=85$ $R6=90$ $R7=84$ $R8=65$

$R9=14$ $R10=83$ $R11=83$ $R12=67$ $R13=87$ $R14=99$ $R15=78$

Color Quality Scale: $Q_a=84.1$, $Q_f=84.3$, $Q_p=83.8$, $Q_g=92.9$

$Q1=82$ $Q2=97$ $Q3=82$ $Q4=78$ $Q5=83$ $Q6=85$ $Q7=87$ $Q8=90$

$Q9=98$ $Q10=91$ $Q11=87$ $Q12=85$ $Q13=84$ $Q14=74$ $Q15=77$



Photometric Parameters

Luminous Flux: 786.64 lm

Efficiency: 61.70 lm/W

Radiant Power: 2.400 W

Total mains efficacy: 61.70 lm/W

Energy Efficiency Class: G (EU 2019/2015)

Electric Parameters

Voltage: 230.30V

Current: 0.1030A

Power: 12.75W

Power Factor: 0.5340

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 20 Sec

ALC.: 1.0000

Max of Signal: 49448 (2399)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4°

CCD Integration Time: 486.87 ms

Condition: $T_x=23.5^\circ C$, $T_i=23.1^\circ C$, R.H.:60%

Test Lab:

Operator:

Test Device: CMS-2S (Plus)

Test Time: 2020-04-29 10:33:44

Inspector: SGD LTD