

Lightsource Test Report

Product Infomation

Product Spec: 12w Square recessed C

Product Number: 4

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3217$ $y=0.3353$ $u(u')=0.2017$ $v=0.3153$ $v'=0.4730$

CCT: $T_c=6010K$ ($duv=0.00203$)

Color Ratio: $R=0.143$ $G=0.807$ $B=0.050$

Peak Wavelength: 447.0nm

Half Bandwidth: 23.6nm

Dominant Wavelength: 493.9nm

Color Purity: 0.038

CRI: $R_a=84.8$

TM30: $R_f=82$, $R_g=98$

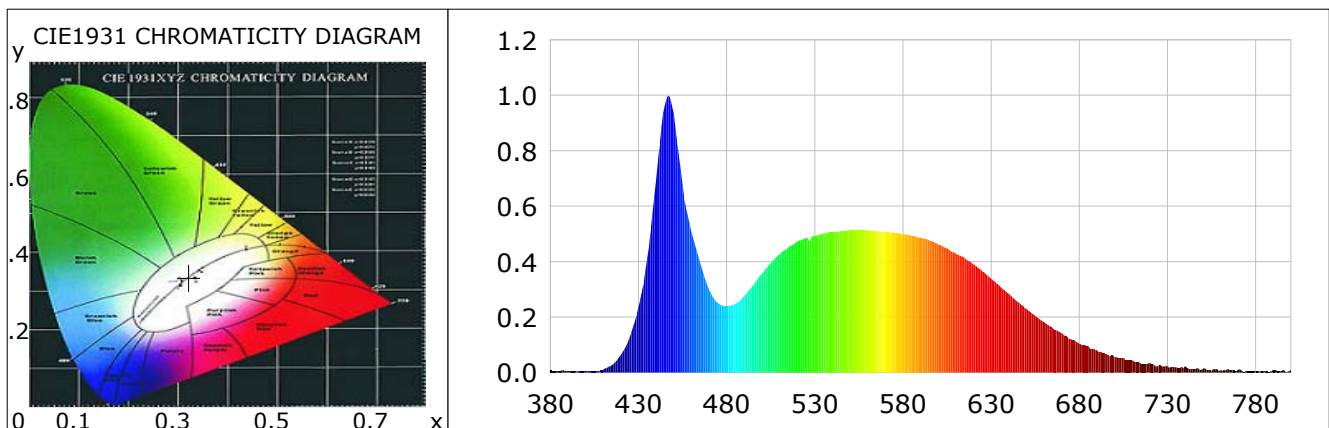
$R1=86$ $R2=84$ $R3=80$ $R4=92$ $R5=87$ $R6=78$ $R7=90$ $R8=83$

$R9=34$ $R10=60$ $R11=92$ $R12=57$ $R13=84$ $R14=89$ $R15=84$

Color Quality Scale: $Q_a=83.3$, $Q_f=82.8$, $Q_p=84.5$, $Q_g=94.3$

$Q1=89$ $Q2=97$ $Q3=78$ $Q4=73$ $Q5=81$ $Q6=85$ $Q7=90$ $Q8=94$

$Q9=93$ $Q10=85$ $Q11=81$ $Q12=81$ $Q13=83$ $Q14=78$ $Q15=82$



Photometric Parameters

Luminous Flux: 807.30 lm
EEI: 0.18

Efficiency: 70.20 lm/W

Radiant Power: 2.615 W

Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 230.00V

Current: 0.1020A

Power: 11.50W

Power Factor: 0.4880

Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 23 Sec

Max of Signal: 44764 (3355)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.00m, 4 π

CCD Integration Time: 1306.10 ms

Condition: $T_x:0.0^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%

Test Lab: 创惠

Operator: 钟清林

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2018-09-28 14:53:31

Inspector: 钟清林