

Lightsource Test Report (1/2)

Product Information

Product Category: 8W RGB+2700K 38D

Product Number: 2521

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4580$ $y=0.4136$ $u(u')=0.2599$ $v=0.3521$ $v'=0.5282$

CCT: $T_c=2751K$ ($duv=0.00129$)

Color Ratio: $R=0.266$ $G=0.706$ $B=0.028$

Peak Wavelength: 637.9nm

Half Bandwidth: 155.8nm

Dominant Wavelength: 583.5nm

Color Purity: 0.617

CRI: $R_a=97.6$

TM30: $R_f=92$, $R_g=98$

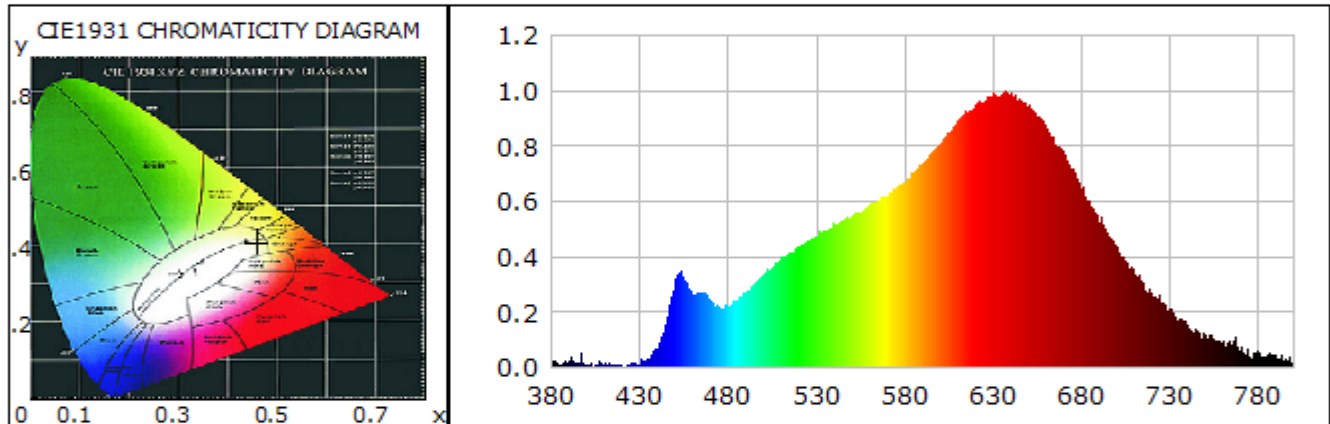
$R1=99$ $R2=100$ $R3=99$ $R4=98$ $R5=98$ $R6=97$ $R7=96$ $R8=93$

$R9=85$ $R10=99$ $R11=98$ $R12=86$ $R13=100$ $R14=98$ $R15=96$

Color Quality Scale: $Q_a=93.9$, $Q_f=95.7$, $Q_p=96.1$, $Q_g=95.2$

$Q1=90$ $Q2=94$ $Q3=95$ $Q4=94$ $Q5=94$ $Q6=94$ $Q7=96$ $Q8=96$

$Q9=93$ $Q10=92$ $Q11=95$ $Q12=95$ $Q13=97$ $Q14=94$ $Q15=93$



Photometric Parameters

Luminous Flux: 144.20 lm

Efficiency: 70.69 lm/W

Radiant Power: 0.554 W

EEI: 0.12

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

Electric Parameters

Voltage: 24.00V

Current: 0.0850A

Power: 2.04W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 40966 (6647)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4T

CCD Integration Time: 5943.53 ms

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

Test Lab:

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2024-03-18 16:35:56

Inspector: