

Lightsource Test Report (1/2)

Product Information

Product Category: 8W RGB+2700K 60D

Product Number: 2524

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4663$ $y=0.4182$ $u(u')=0.2632$ $v=0.3541$ $v'=0.5312$

CCT: $T_c=2670K$ ($duv=0.00226$)

Color Ratio: $R=0.270$ $G=0.704$ $B=0.025$

Peak Wavelength: 637.9nm

Half Bandwidth: 151.6nm

Dominant Wavelength: 583.7nm

Color Purity: 0.655

CRI: $R_a=96.9$

TM30: $R_f=92$, $R_g=97$

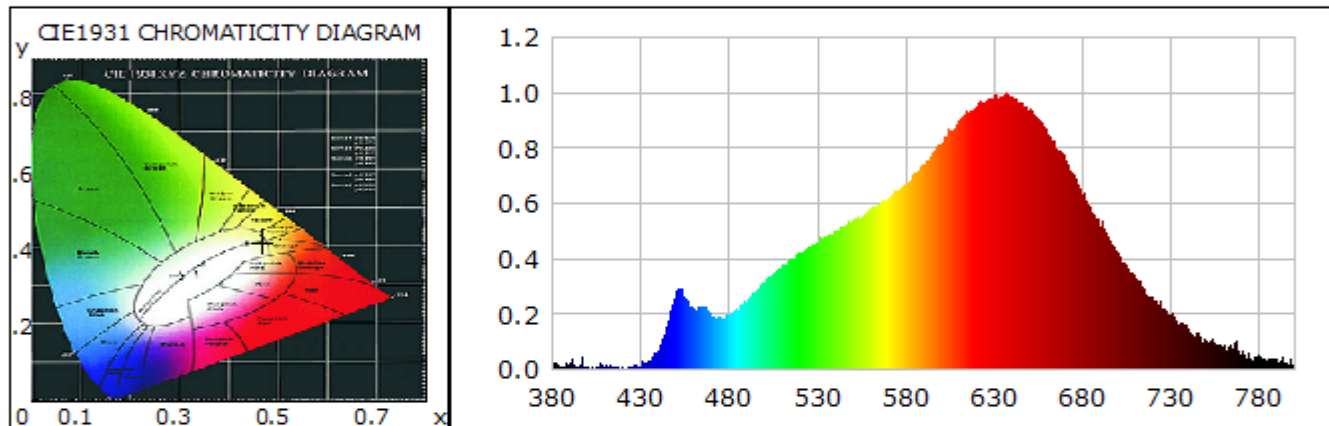
$R1=98$ $R2=99$ $R3=98$ $R4=98$ $R5=98$ $R6=99$ $R7=95$ $R8=91$

$R9=80$ $R10=96$ $R11=99$ $R12=87$ $R13=98$ $R14=98$ $R15=94$

Color Quality Scale: $Q_a=92.5$, $Q_f=95.0$, $Q_p=94.5$, $Q_g=93.4$

$Q1=90$ $Q2=94$ $Q3=95$ $Q4=94$ $Q5=94$ $Q6=94$ $Q7=95$ $Q8=93$

$Q9=91$ $Q10=89$ $Q11=91$ $Q12=93$ $Q13=95$ $Q14=92$ $Q15=92$



Photometric Parameters

Luminous Flux: 152.83 lm

Efficiency: 76.03 lm/W

Radiant Power: 0.581 W

EEI: 0.11

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

Electric Parameters

Voltage: 24.00V

Current: 0.0840A

Power: 2.01W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 38745 (6506)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4T

CCD Integration Time: 5237.68 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 16:39:53

Inspector: