
Lightsource Test Report

Product Information

Product Number: 6

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5330$ $y=0.4157$ $u(u')=0.3079$ $v=0.3603$ $v'=0.5405$

CCT: $T_c=1964K$ ($duv=0.00101$)

Color Ratio: $R=0.357$ $G=0.630$ $B=0.013$

Peak Wavelength: 641nm

Half Bandwidth: 115.5nm

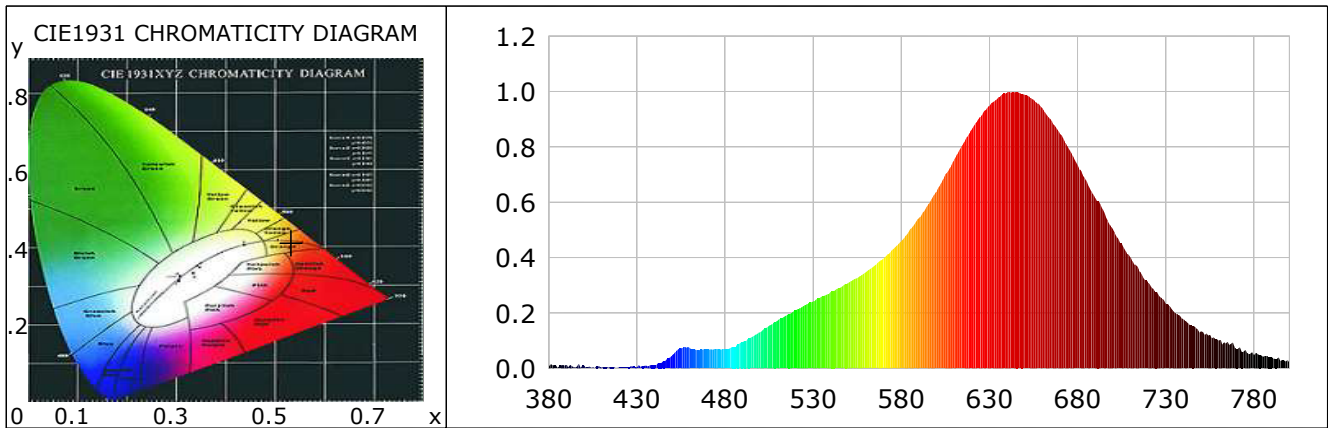
Dominant Wavelength: 588.9nm

Color Purity: 0.848

Color Render Index: $R_a=96.8$, $CRI=95.4$

$R_1=100$ $R_2=99$ $R_3=98$ $R_4=98$ $R_5=99$ $R_6=95$ $R_7=94$ $R_8=91$

$R_9=82$ $R_{10}=99$ $R_{11}=93$ $R_{12}=92$ $R_{13}=100$ $R_{14}=97$ $R_{15}=95$



Photometric Parameters

Luminous Flux: 292.69 lm

Efficiency: 71.74 lm/W

Radiant Power: 1.347 W

Electric Parameters

Voltage: 24.00V

Current: 0.1700A

Power: 4.08W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 2.00m, 4T

Max of Signal: 42529 (5614)

CCD Integration Time: 2135.65 ms

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

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2021-11-03 14:14:39

Inspector:

Lightsource Test Report

Product Information

Product Number: 7

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3979$ $y=0.3647$ $u(u')=0.2419$ $v=0.3325$ $v'=0.4988$

CCT: $T_c=3543K$ ($duv=-0.01023$)

Color Ratio: $R=0.238$ $G=0.717$ $B=0.045$

Peak Wavelength: 456nm

Half Bandwidth: 25.4nm

Dominant Wavelength: 587.0nm

Color Purity: 0.289

Color Render Index: $R_a=93.7$, $CRI=91.3$

$R_1=92$

$R_2=93$

$R_3=97$

$R_4=97$

$R_5=92$

$R_6=89$

$R_7=95$

$R_8=94$

$R_9=82$

$R_{10}=87$

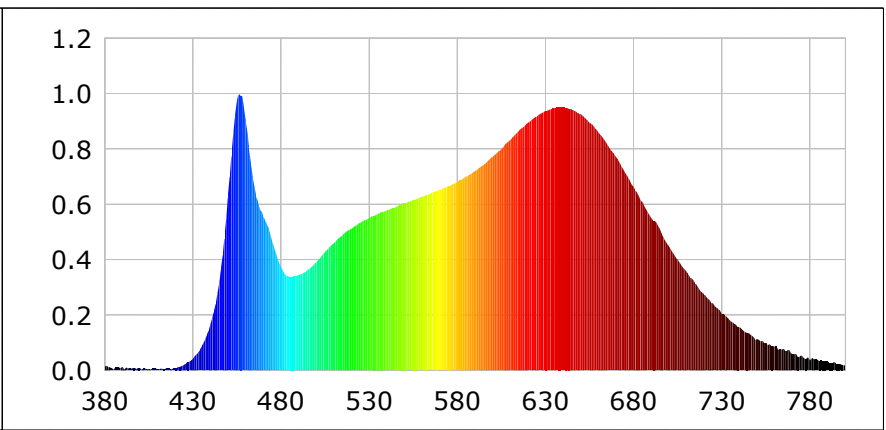
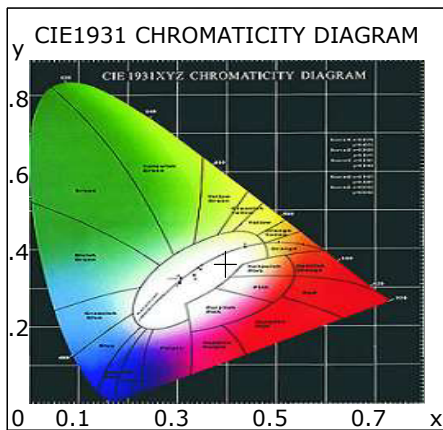
$R_{11}=95$

$R_{12}=75$

$R_{13}=91$

$R_{14}=99$

$R_{15}=90$



Photometric Parameters

Luminous Flux: 744.45 lm

Efficiency: 92.02 lm/W

Radiant Power: 2.981 W

Electric Parameters

Voltage: 24.00V

Current: 0.3370A

Power: 8.09W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 2.00m, 4T

Max of Signal: 44177 (5425)

CCD Integration Time: 1287.61 ms

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

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2021-11-03 14:15:54

Inspector:

Lightsource Test Report

Product Information

Product Number: 8

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3313$ $y=0.3392$ $u(u')=0.2068$ $v=0.3176$ $v'=0.4764$

CCT: $T_c=5750K$ ($duv=-0.00043$)

Color Ratio: $R=0.167$ $G=0.769$ $B=0.064$

Peak Wavelength: 456nm

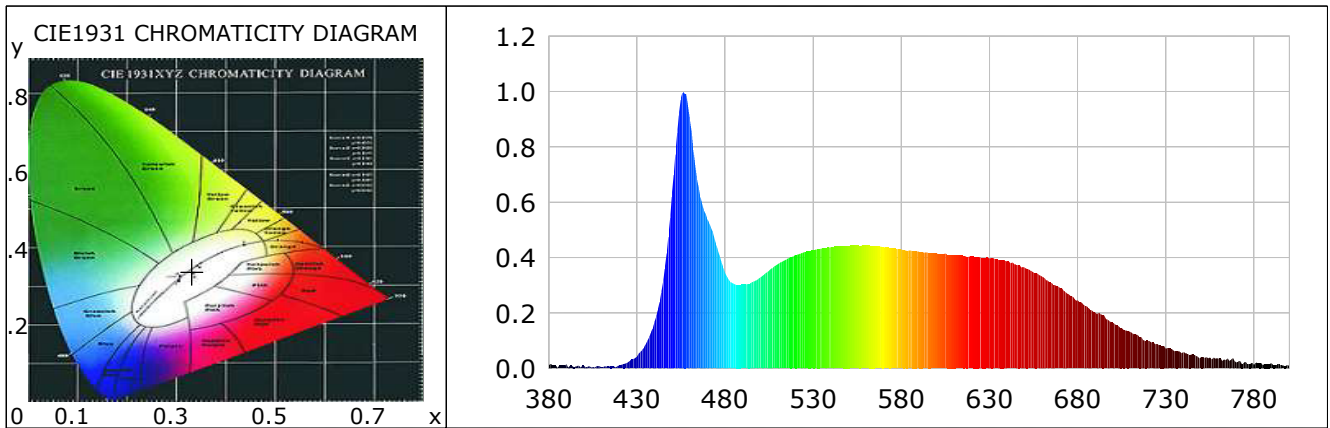
Half Bandwidth: 24.4nm

Dominant Wavelength: 533.3nm

Color Purity: 0.013

Color Render Index: $R_a=92.6$, $CRI=90.7$

| | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =94 | R2 =98 | R3 =92 | R4 =90 | R5 =90 | R6 =90 | R7 =94 | R8 =92 |
| R9 =92 | R10=92 | R11=93 | R12=58 | R13=97 | R14=94 | R15=92 | |



Photometric Parameters

Luminous Flux: 458.92 lm

Efficiency: 114.44 lm/W

Radiant Power: 1.685 W

Electric Parameters

Voltage: 24.00V

Current: 0.0000A

Power: 4.01W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 2.00m, 4 π

Max of Signal: 41745 (5488)

CCD Integration Time: 1287.61 ms

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

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2021-11-03 14:17:07

Inspector: