

Lightsource Test Report

Product Information

Product Category: MR16-2000K-6500K

Product Spec: 1907K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5426$ $y=0.4185$ $u(u')=0.3129$ $v=0.3620$ $v'=0.5430$

CCT: $T_c=1907K$ ($duv=0.00230$)

Color Ratio: $R=0.363$ $G=0.627$ $B=0.010$

Peak Wavelength: 641nm

Half Bandwidth: 116.1nm

Dominant Wavelength: 589.1nm

Color Purity: 0.885

Color Render Index: $R_a=95.5$, $CRI=93.8$

$R_1=96$ $R_2=98$ $R_3=97$ $R_4=98$

$R_5=97$

$R_6=99$

$R_7=93$

$R_8=87$

$R_9=72$

$R_{10}=94$

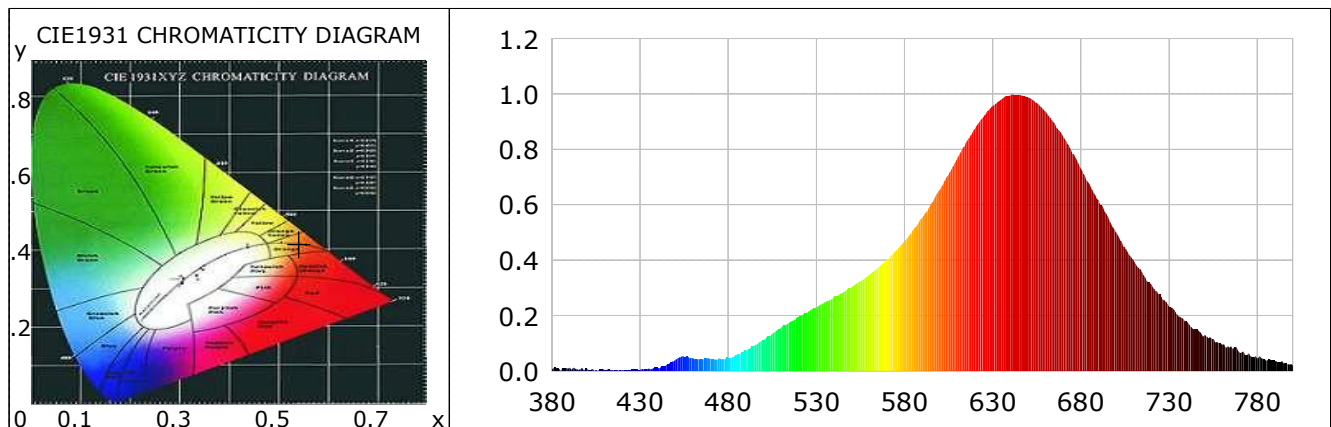
$R_{11}=97$

$R_{12}=96$

$R_{13}=97$

$R_{14}=96$

$R_{15}=91$



Photometric Parameters

Luminous Flux: 248.44 lm

Efficiency: 60.89 lm/W

Radiant Power: 1.135 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, 4π

Max of Signal: 42906 (5095)

CCD Integration Time: 2530.71 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: 2022-01-08 16:41:15

Inspector:

Lightsource Test Report

Product Information

Product Category: MR16-2000K-6500K

Product Spec: 3550K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3938$ $y=0.3651$ $u(u')=0.2389$ $v=0.3322$ $v'=0.4983$

CCT: $T_c=3550K$ ($duv=-0.00910$)

Color Ratio: $R=0.233$ $G=0.721$ $B=0.045$

Peak Wavelength: 455nm

Half Bandwidth: 26.9nm

Dominant Wavelength: 586.1nm

Color Purity: 0.277

Color Render Index: $R_a=94.2$, $CRI=91.7$

$R_1=92$

$R_2=93$

$R_3=98$

$R_4=96$

$R_5=93$

$R_6=91$

$R_7=97$

$R_8=93$

$R_9=80$

$R_{10}=89$

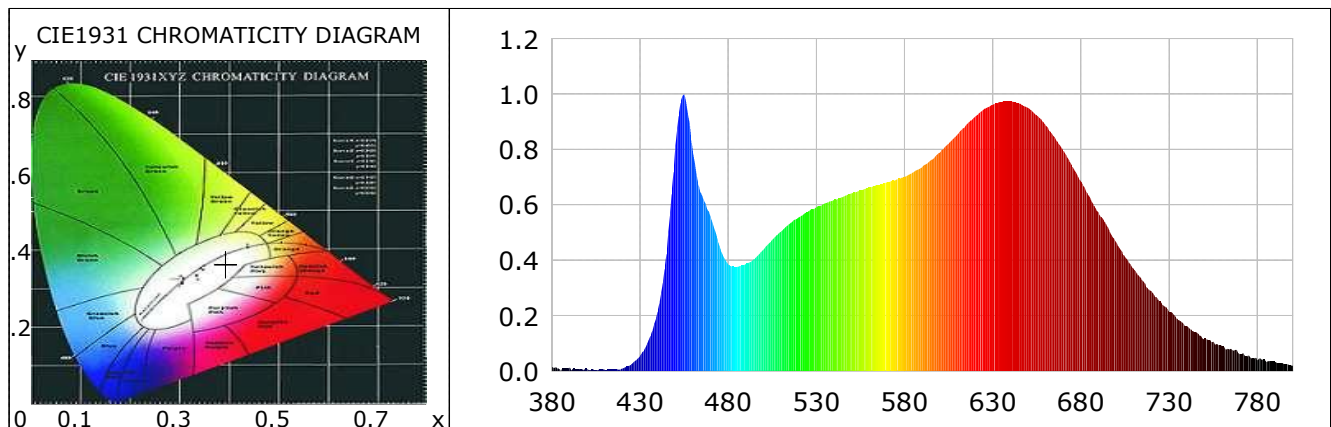
$R_{11}=94$

$R_{12}=78$

$R_{13}=92$

$R_{14}=99$

$R_{15}=90$



Photometric Parameters

Luminous Flux: 635.02 lm

Efficiency: 77.37 lm/W

Radiant Power: 2.533 W

Electric Parameters

Voltage: 24.00V

Current: 0.3420A

Power: 8.21W

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: 45651 (4928)

CCD Integration Time: 1693.12 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: 2022-01-08 16:42:36

Inspector:

Lightsource Test Report

Product Information

Product Category: MR16-2000K-6500K

Product Spec: 6124K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3190$ $y=0.3399$ $u(u')=0.1981$ $v=0.3166$ $v'=0.4749$

CCT: $T_c=6124K$ ($duv=0.00565$)

Color Ratio: $R=0.151$ $G=0.783$ $B=0.066$

Peak Wavelength: 454nm

Half Bandwidth: 25.8nm

Dominant Wavelength: 497.7nm

Color Purity: 0.045

Color Render Index: $R_a=92.7$, $CRI=90.3$

$R_1=95$

$R_2=95$

$R_3=90$

$R_4=92$

$R_5=91$

$R_6=89$

$R_7=95$

$R_8=94$

$R_9=93$

$R_{10}=85$

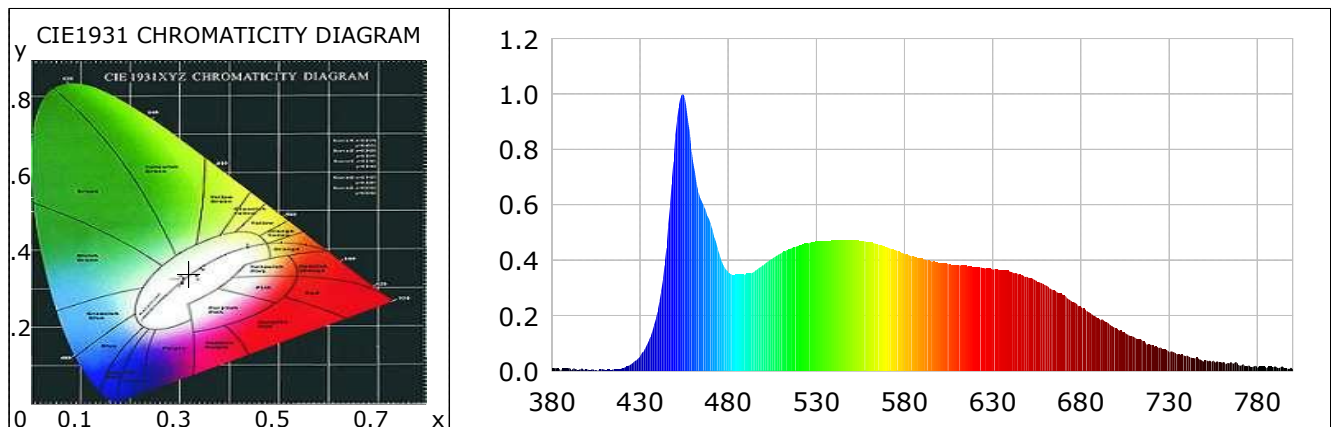
$R_{11}=94$

$R_{12}=56$

$R_{13}=96$

$R_{14}=94$

$R_{15}=93$



Photometric Parameters

Luminous Flux: 403.39 lm

Efficiency: 98.39 lm/W

Radiant Power: 1.457 W

Electric Parameters

Voltage: 24.00V

Current: 0.1710A

Power: 4.10W

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, 4π

Max of Signal: 51035 (5094)

CCD Integration Time: 1914.35 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: 2022-01-08 16:40:03

Inspector: