

## Lightsource Test Report

### Product Information

Product Type: CCT DC24V 6W 2000K

Product Spec: 2000-6000K

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.5335$   $y=0.4163$   $u(u')=0.3080$   $v=0.3605$   $v'=0.5407$

CCT:  $T_c=1963K$  ( $duv=0.00118$ )

Color Ratio:  $R=0.353$   $G=0.633$   $B=0.014$

Peak Wavelength: 631nm

Half Bandwidth: 109.9nm

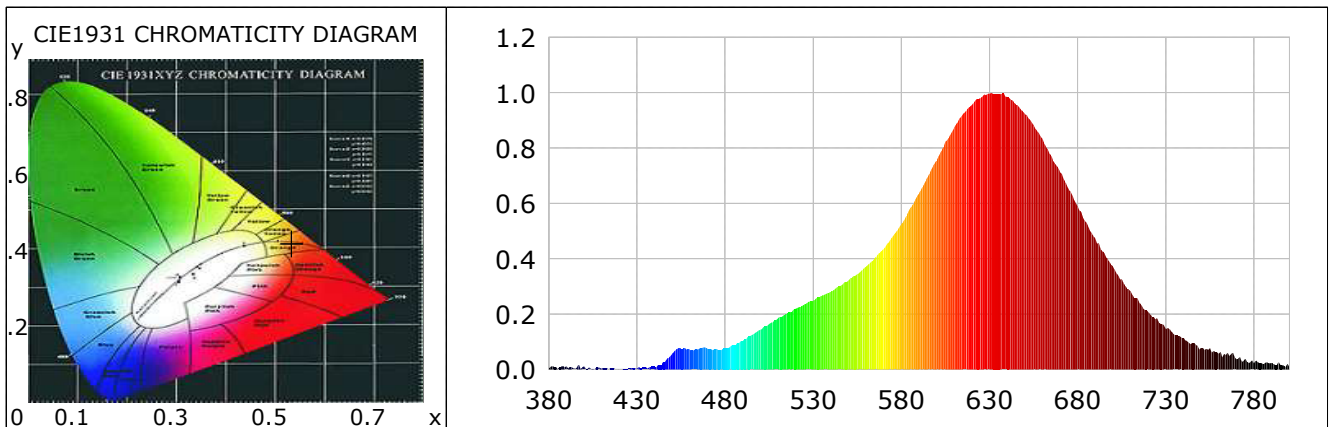
Dominant Wavelength: 588.9nm

Color Purity: 0.851

Color Render Index:  $R_a=82.0$ ,  $CRI=80.5$

$R1=83$   $R2=88$   $R3=87$   $R4=84$   $R5=85$   $R6=85$   $R7=77$   $R8=66$

$R9=11.3$   $R10=86$   $R11=88$   $R12=83$   $R13=85$   $R14=89$   $R15=76$



### Photometric Parameters

Luminous Flux: 202.87 lm

Efficiency: 68.54 lm/W

Radiant Power: 0.782 W

### Electric Parameters

Voltage: 24.00V

Current: 0.1210A

Power: 2.96W

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: 44079 (5350)

CCD Integration Time: 3673.93 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: 2023-05-22 15:22:54

Inspector:

## Lightsource Test Report

### Product Information

Product Type: CCT DC24V 6W 4000K

Product Spec: 2000-6000K

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4045$   $y=0.3679$   $u(u')=0.2450$   $v=0.3342$   $v'=0.5013$

CCT:  $T_c=3316K$  ( $duv=-0.01013$ )

Color Ratio:  $R=0.245$   $G=0.712$   $B=0.043$

Peak Wavelength: 629nm

Half Bandwidth: 173.4nm

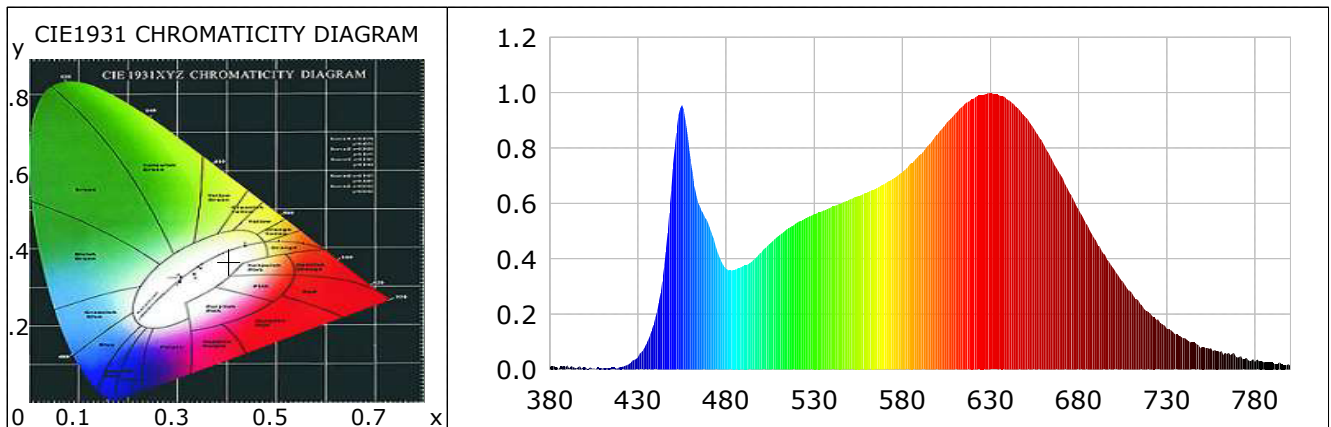
Dominant Wavelength: 587.0nm

Color Purity: 0.318

Color Render Index:  $R_a=83.8$ ,  $CRI=82.5$

$R_1=83$   $R_2=83$   $R_3=86$   $R_4=87$   $R_5=83$   $R_6=78$   $R_7=83$   $R_8=87$

$R_9=14$   $R_{10}=77$   $R_{11}=84$   $R_{12}=67$   $R_{13}=82$   $R_{14}=89$   $R_{15}=83$



### Photometric Parameters

Luminous Flux: 528.87 lm

Efficiency: 93.85 lm/W

Radiant Power: 1.657 W

### Electric Parameters

Voltage: 24.00V

Current: 0.2460A

Power: 6.20W

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: 42450 (5460)

CCD Integration Time: 2308.13 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: 2023-05-22 15:25:34

Inspector:

## Lightsource Test Report

### Product Information

Product Type: CCT DC24V 6W 6000K

Product Spec: 2000-6000K

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3279$   $y=0.3415$   $u(u')=0.2036$   $v=0.3181$   $v'=0.4771$

CCT:  $T_c=5706K$  ( $duv=0.00231$ )

Color Ratio:  $R=0.163$   $G=0.773$   $B=0.064$

Peak Wavelength: 454nm

Half Bandwidth: 24.2nm

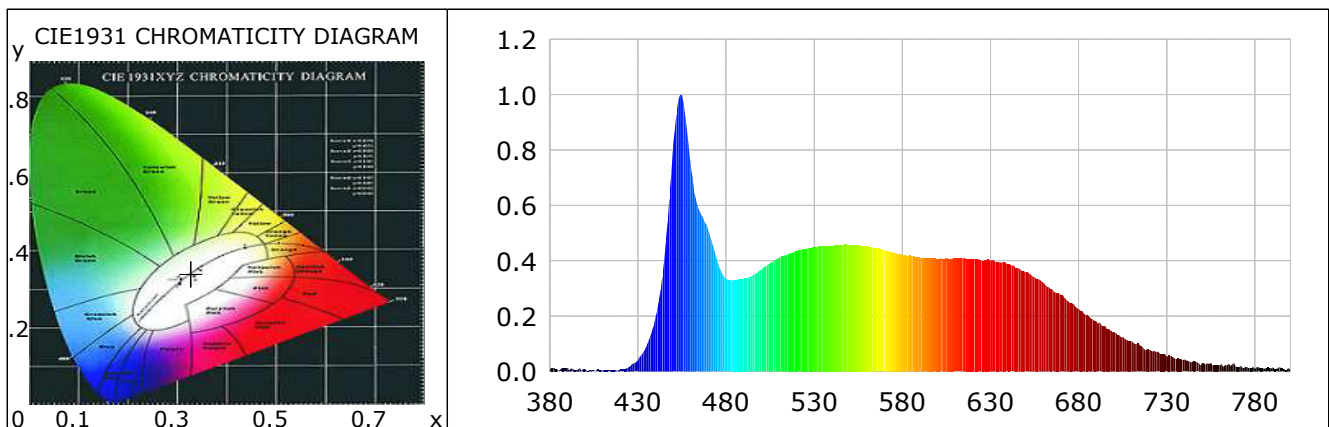
Dominant Wavelength: 513.2nm

Color Purity: 0.018

Color Render Index:  $R_a=83.2$ ,  $CRI=81.2$

$R1=85$   $R2=87$   $R3=80$   $R4=82$   $R5=82$   $R6=80$   $R7=85$   $R8=83$

$R9=13$   $R10=80$   $R11=85$   $R12=49$   $R13=88$   $R14=84$   $R15=83$



### Photometric Parameters

Luminous Flux: 256.50 lm

Efficiency: 85.50 lm/W

Radiant Power: 0.921 W

### Electric Parameters

Voltage: 24.00V

Current: 0.1250A

Power: 3.00W

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: 45356 (5175)

CCD Integration Time: 2649.15 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:2023-05-22 15:29:54

Inspector: