

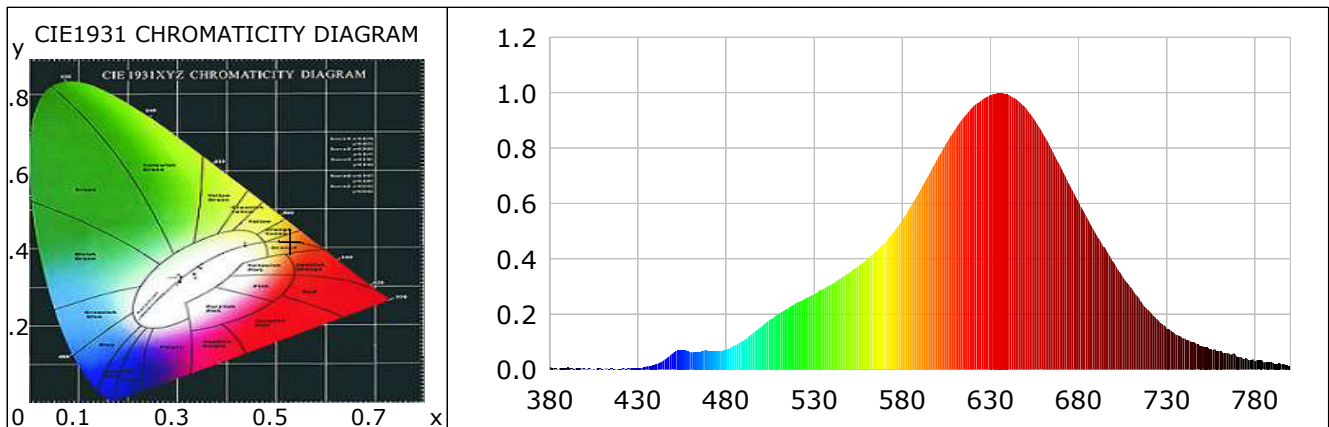
# Lightsource Test Report

## Product Information

Product Category: 24W-2000k-6000k-Round    Product Number: 1019  
Manufacturer: hot

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.5292$   $y=0.4215$      $u(u')=0.3024$   $v=0.3613$   $v'=0.5420$   
CCT:  $T_c=2030K$  ( $duv=0.00248$ )    Color Ratio:  $R=0.341$   $G=0.646$   $B=0.013$   
Peak Wavelength: 636nm    Half Bandwidth: 113.6nm  
Dominant Wavelength: 587.9nm    Color Purity: 0.854  
Color Render Index:  $R_a=93.3$ ,  $CRI=91.4$   
 $R1=94$     $R2=97$     $R3=99$     $R4=95$     $R5=95$     $R6=98$     $R7=90$     $R8=79$   
 $R9=58$     $R10=94$     $R11=98$     $R12=95$     $R13=95$     $R14=98$     $R15=87$



## Photometric Parameters

Luminous Flux: 912.19 lm    Efficiency: 72.92 lm/W    Radiant Power: 3.654 W

## Electric Parameters

Voltage: 24.00V    Current: 0.5210A    Power: 12.51W  
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: 44383 (5472)    CCD Integration Time: 765.56 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 16:14:46  
Inspector:

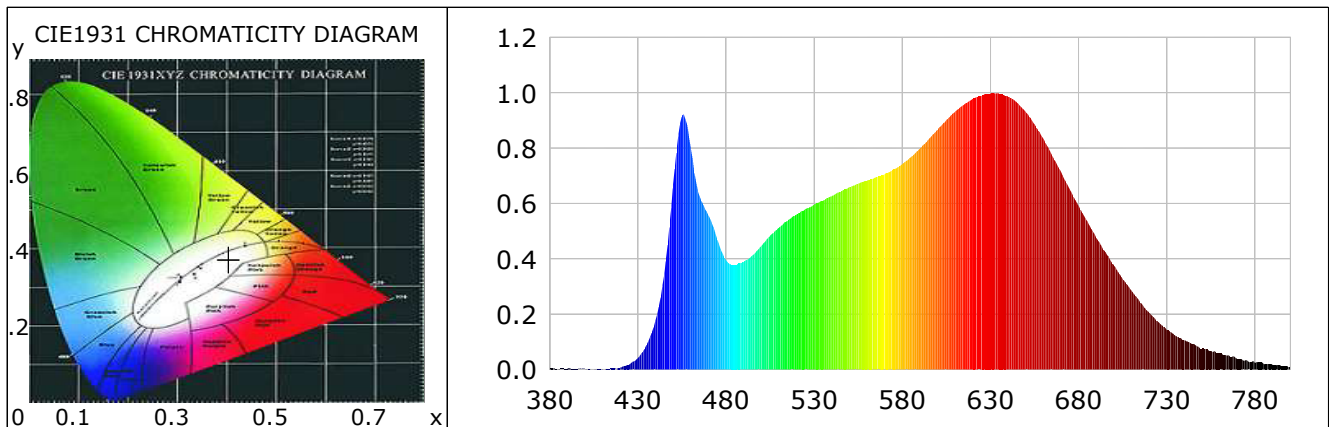
# Lightsource Test Report

## Product Information

Product Category: 24W-2000k-6000k-Round    Product Number: 1020  
Manufacturer: hot

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4033$   $y=0.3742$      $u(u')=0.2414$   $v=0.3359$   $v'=0.5039$   
CCT:  $T_c=3402K$  ( $duv=-0.00698$ )    Color Ratio:  $R=0.237$   $G=0.720$   $B=0.043$   
Peak Wavelength: 631nm    Half Bandwidth: 180.3nm  
Dominant Wavelength: 584.8nm    Color Purity: 0.334  
Color Render Index:  $R_a=95.1$ ,  $CRI=94.1$   
 $R1=95$     $R2=95$     $R3=97$     $R4=98$     $R5=95$     $R6=91$     $R7=94$     $R8=96$   
 $R9=97$     $R10=91$     $R11=97$     $R12=78$     $R13=94$     $R14=99$     $R15=95$



## Photometric Parameters

Luminous Flux: 1982.51 lm    Efficiency: 83.69 lm/W    Radiant Power: 7.403 W

## Electric Parameters

Voltage: 24.00V    Current: 0.9870A    Power: 23.69W  
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: 44347 (5213)    CCD Integration Time: 503.09 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 16:16:03  
Inspector:

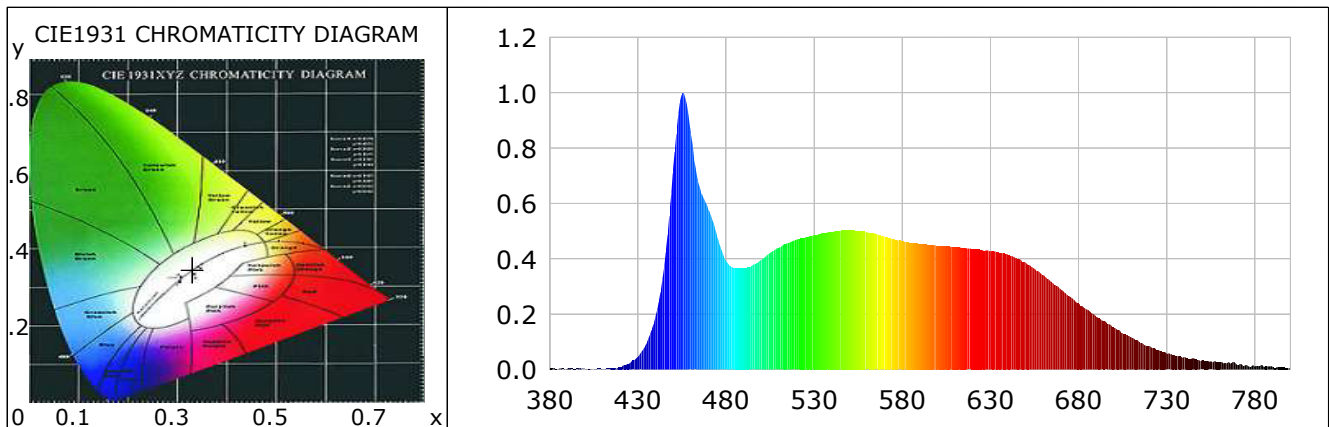
# Lightsource Test Report

## Product Information

Product Category: 24W-2000k-6000k-Round    Product Number: 1021  
Manufacturer: hot

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3301$   $y=0.3472$      $u(u')=0.2030$   $v=0.3202$   $v'=0.4803$   
CCT:  $T_c=5602K$  ( $duv=0.00415$ )    Color Ratio:  $R=0.161$   $G=0.775$   $B=0.064$   
Peak Wavelength: 456nm    Half Bandwidth: 27.2nm  
Dominant Wavelength: 541.2nm    Color Purity: 0.034  
Color Render Index:  $R_a=92.8$ ,  $CRI=90.9$   
 $R1=95$     $R2=97$     $R3=92$     $R4=90$     $R5=91$     $R6=91$     $R7=94$     $R8=93$   
 $R9=94$     $R10=89$     $R11=93$     $R12=58$     $R13=98$     $R14=95$     $R15=93$



## Photometric Parameters

Luminous Flux: 1193.29 lm    Efficiency: 93.96 lm/W    Radiant Power: 4.223 W

## Electric Parameters

Voltage: 24.00V    Current: 0.5290A    Power: 12.70W  
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 $\pi$   
Max of Signal: 43027 (5256)    CCD Integration Time: 503.09 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 16:16:51  
Inspector: