

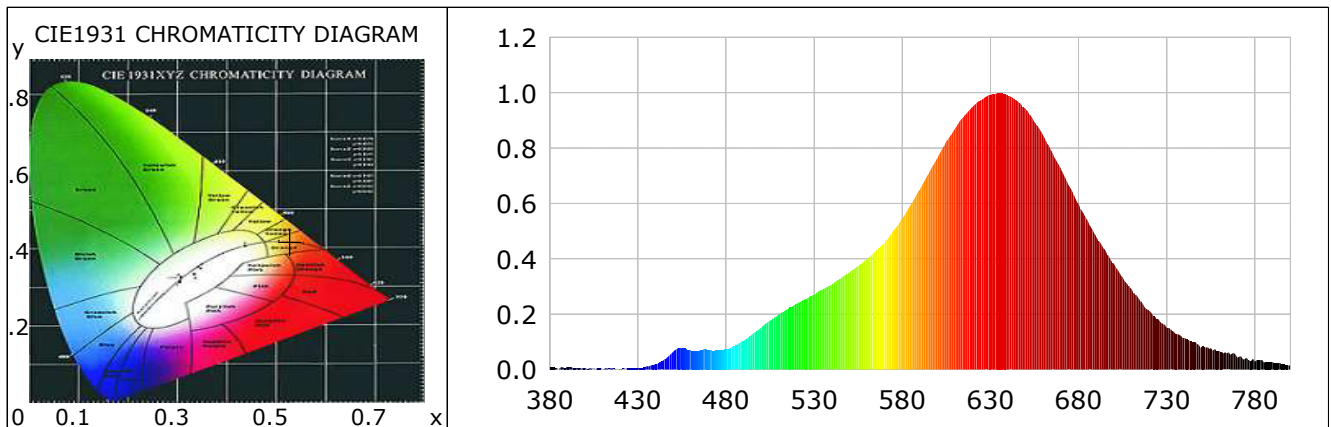
# Lightsource Test Report

## Product Information

Product Category: 18W-2000k-6000k-Round Product Number: 1016  
Manufacturer: hot

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.5286$   $y=0.4205$   $u(u')=0.3025$   $v=0.3610$   $v'=0.5415$   
CCT:  $T_c=2029K$  ( $duv=0.00216$ ) Color Ratio: R=0.341 G=0.646 B=0.013  
Peak Wavelength: 634nm Half Bandwidth: 113.6nm  
Dominant Wavelength: 607.8nm Color Purity: 0.849  
Color Render Index: Ra= 92.9, CRI= 91.0  
R1 =93 R2 =97 R3 =99 R4 =94 R5 =94 R6 =98 R7 =89 R8 =79  
R9 =57 R10=94 R11=98 R12=94 R13=94 R14=99 R15=86



## Photometric Parameters

Luminous Flux: 622.02 lm Efficiency: 69.89 lm/W Radiant Power: 2.485 W

## Electric Parameters

Voltage: 24.00V Current: 0.3710A Power: 8.90W  
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: 41892 (5648) CCD Integration Time: 1062.67 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%  
Test Lab:  
Operator:

Test Device: Inventfine CMS-2  
Test Time: 2023-05-22 16:10:09  
Inspector:

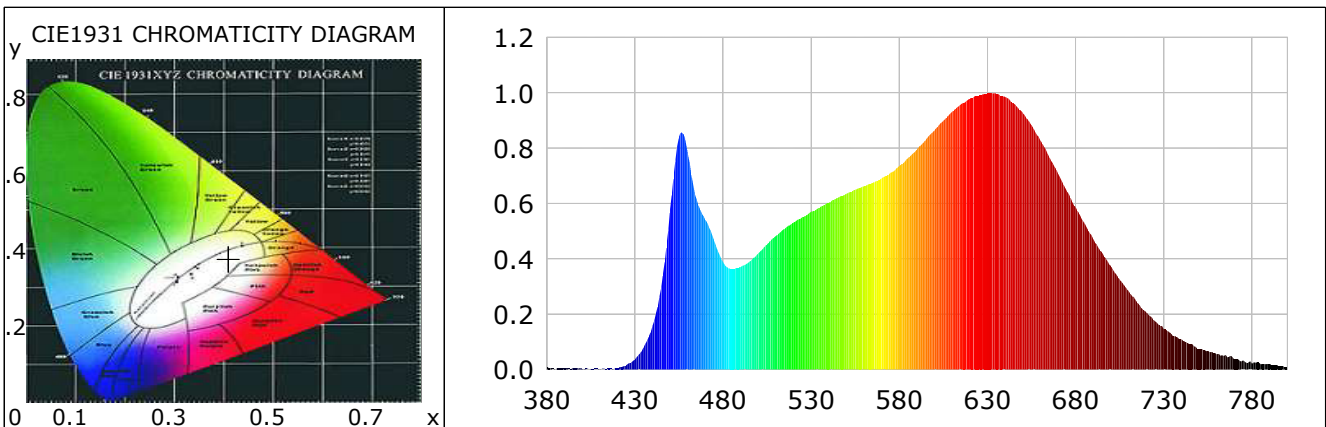
# Lightsource Test Report

## Product Information

Product Category: 18W-2000k-6000k-Round      Product Number: 1017  
Manufacturer: hot

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4095$   $y=0.3764$      $u(u')=0.2445$   $v=0.3372$   $v'=0.5058$   
CCT:  $T_c=3286K$  ( $duv=-0.00723$ )      Color Ratio:  $R=0.242$   $G=0.716$   $B=0.042$   
Peak Wavelength: 632nm      Half Bandwidth: 174.2nm  
Dominant Wavelength: 585.1nm      Color Purity: 0.359  
Color Render Index:  $R_a=94.7$ ,  $CRI=93.9$   
 $R1=95$     $R2=94$     $R3=96$     $R4=98$     $R5=95$     $R6=90$     $R7=93$     $R8=96$   
 $R9=97$     $R10=90$     $R11=97$     $R12=78$     $R13=94$     $R14=99$     $R15=96$



## Photometric Parameters

Luminous Flux: 1390.28 lm      Efficiency: 77.54 lm/W      Radiant Power: 5.199 W

## Electric Parameters

Voltage: 24.00V      Current: 0.7470A      Power: 17.93W  
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: 44379 (5358)      CCD Integration Time: 702.89 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 16:11:40  
Inspector:

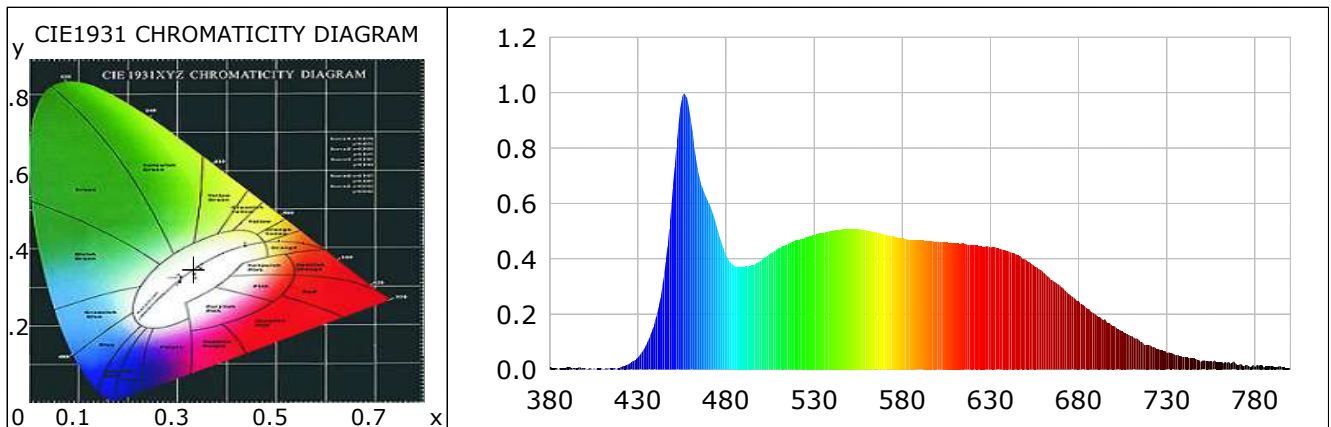
# Lightsource Test Report

## Product Information

ProductCategory:18W-2000k-6000k-Round    Product Number: 1018  
Manufacturer: hot

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3327$   $y=0.3482$      $u(u')=0.2043$   $v=0.3208$   $v'=0.4812$   
CCT:  $T_c=5492K$  ( $duv=0.00349$ )    Color Ratio: R=0.164    G=0.771    B=0.064  
Peak Wavelength: 456nm    Half Bandwidth: 27.8nm  
Dominant Wavelength: 552.5nm    Color Purity: 0.043  
Color Render Index: Ra= 92.7, CRI= 90.9  
R1 =95    R2 =98    R3 =93    R4 =89    R5 =90    R6 =91    R7 =93    R8 =92  
R9 =94    R10=91    R11=92    R12=59    R13=98    R14=95    R15=93



## Photometric Parameters

Luminous Flux: 787.47 lm    Efficiency: 87.01 lm/W    Radiant Power: 2.793 W

## Electric Parameters

Voltage: 24.00V    Current: 0.3770A    Power: 9.05W  
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: 43069 (5452)    CCD Integration Time: 765.56 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%  
Test Lab:  
Operator:

Test Device: Inventfine CMS-2  
Test Time: 2023-05-22 16:12:29  
Inspector: