
Lightsource Test Report

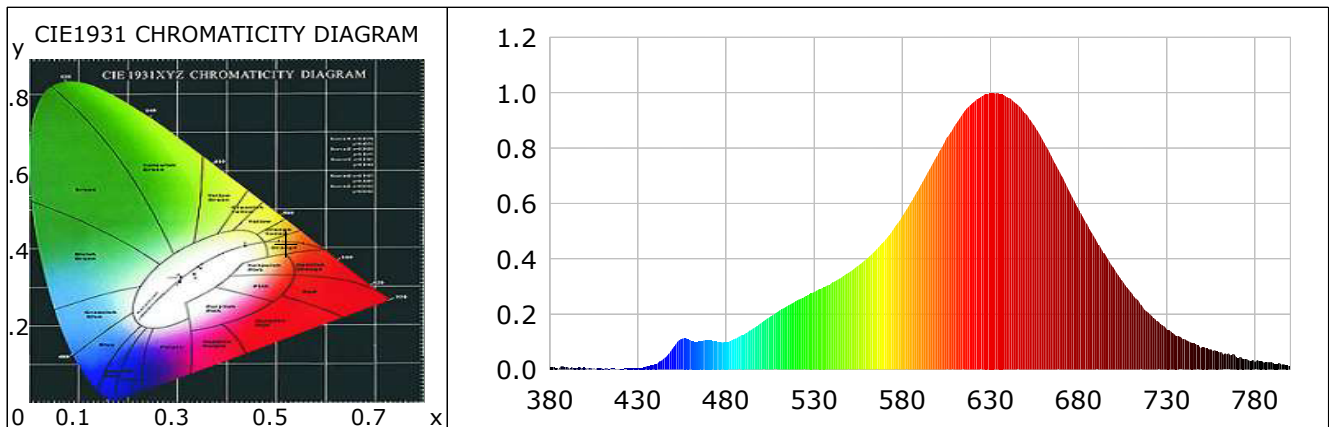
Product Information

Product Type: 12W--2000K-R
Product Number: 384

Product Spec: 2000-6000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5204$ $y=0.4156$ $u(u')=0.2997$ $v=0.3590$ $v'=0.5385$
CCT: $T_c=2068K$ ($duv=0.00044$) Color Ratio: R=0.338 G=0.646 B=0.016
Peak Wavelength: 634nm Half Bandwidth: 112.7nm
Dominant Wavelength: 588.2nm Color Purity: 0.810
Color Render Index: Ra= 92.8, CRI= 91.4
R1 =94 R2 =99 R3 =97 R4 =95 R5 =96 R6 =95 R7 =88 R8 =78
R9 =58 R10=98 R11=99 R12=91 R13=96 R14=99 R15=88



Photometric Parameters

Luminous Flux: 431.61 lm Efficiency: 71.93 lm/W Radiant Power: 1.711 W

Electric Parameters

Voltage: 24.00V Current: 0.2500A Power: 6.00W
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, 4 π
Max of Signal: 44407 (5297) CCD Integration Time: 1758.45 ms

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

Test Device: Inventfine CMS-2
Test Time: 2021-12-20 15:48:40
Inspector:

Lightsource Test Report

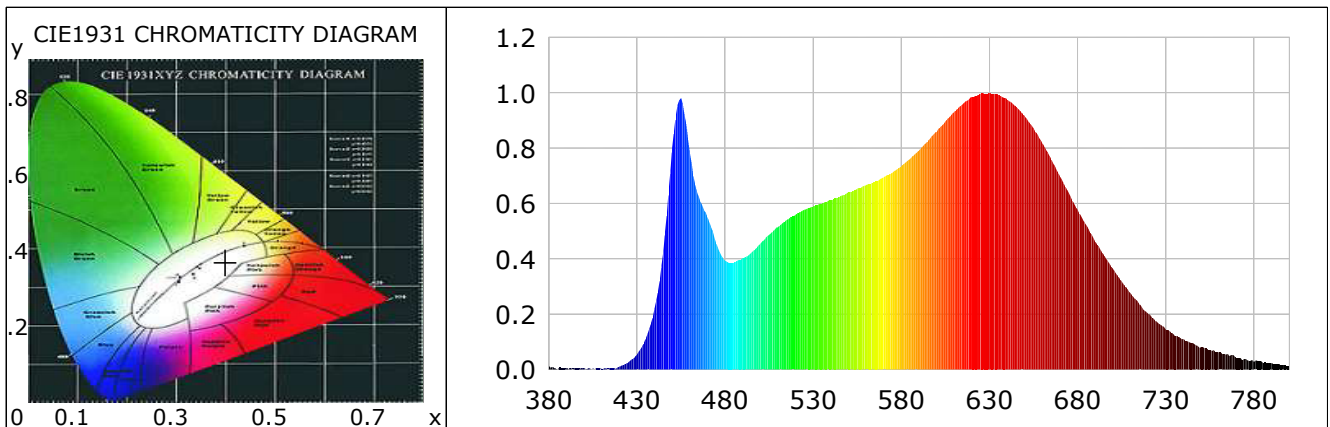
Product Information

Product Type: 12W--2000-6000K-R
Product Number: 386

Product Spec: 2000-6000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3988$ $y=0.3666$ $u(u')=0.2416$ $v=0.3332$ $v'=0.4998$
CCT: $T_c=3439K$ ($duv=-0.00954$) Color Ratio: $R=0.238$ $G=0.717$ $B=0.045$
Peak Wavelength: 630nm Half Bandwidth: 179.7nm
Dominant Wavelength: 586.5nm Color Purity: 0.297
Color Render Index: $R_a=94.1$, $CRI=92.7$
 $R1=93$ $R2=93$ $R3=96$ $R4=97$ $R5=93$ $R6=89$ $R7=94$ $R8=97$
 $R9=93$ $R10=88$ $R11=94$ $R12=78$ $R13=92$ $R14=99$ $R15=93$



Photometric Parameters

Luminous Flux: 995.66 lm

Efficiency: 81.99 lm/W

Radiant Power: 3.760 W

Electric Parameters

Voltage: 24.00V

Current: 0.5060A

Power: 12.14W

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: 49990 (4926) CCD Integration Time: 1211.54 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: 2021-12-20 15:50:31
Inspector:

Lightsource Test Report

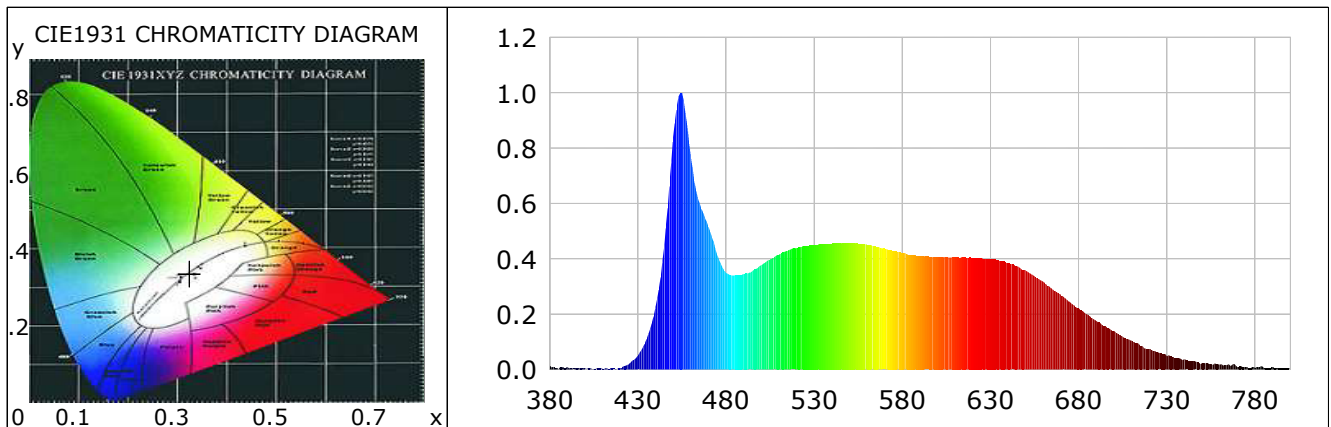
Product Information

Product Type: 12W--6000K-R
Product Number: 385

Product Spec: 2000-6000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3242$ $y=0.3370$ $u(u')=0.2027$ $v=0.3161$ $v'=0.4742$
CCT: $T_c=5884K$ ($duv=0.00171$) Color Ratio: R=0.162 G=0.773 B=0.066
Peak Wavelength: 455nm Half Bandwidth: 25.3nm
Dominant Wavelength: 496.9nm Color Purity: 0.029
Color Render Index: Ra= 93.2, CRI= 91.2
R1 =94 R2 =98 R3 =91 R4 =92 R5 =92 R6 =91 R7 =95 R8 =93
R9 =91 R10=91 R11=95 R12=60 R13=98 R14=94 R15=93



Photometric Parameters

Luminous Flux: 563.26 lm Efficiency: 90.97 lm/W Radiant Power: 2.027 W

Electric Parameters

Voltage: 24.00V Current: 0.2580A Power: 6.19W
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: 45499 (4838) CCD Integration Time: 1211.54 ms

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

Test Device: Inventfine CMS-2
Test Time: 2021-12-20 15:49:40
Inspector: