Lightsource Test Report

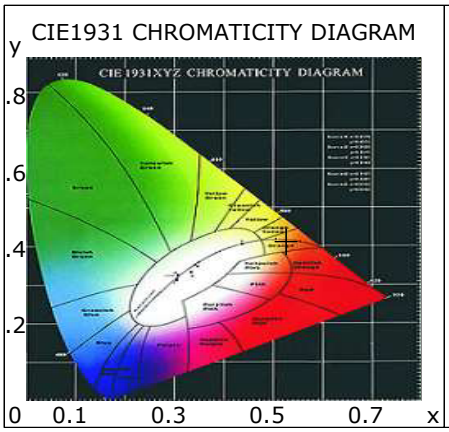
Product Information

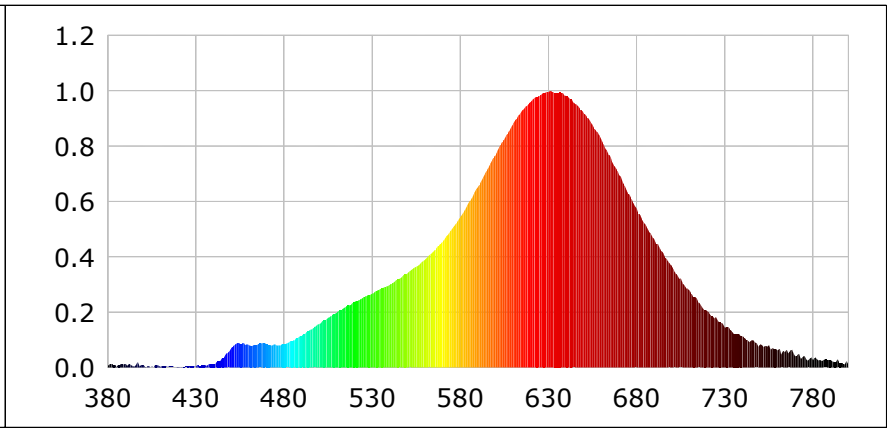
Product Type: 6W--2000K-S
Product Spec: 2000-6000K
Product Number: 381

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.5271 y=0.4176 u(u')=0.3030 v=0.3602 v'=0.5402
CCT: Tc=2024K (duv=0.00128)
Color Ratio: R=0.343 G=0.642 B=0.015
Peak Wavelength: 631nm
Half Bandwidth: 111.3nm
Dominant Wavelength: 588.3nm
Color Purity: 0.836
Color Render Index: Ra= 92.3, CRI= 90.8

R1 =93	R2 =98	R3 =97	R4 =94	R5 =95	R6 =96	R7 =87	R8 =77
R9 =55	R10=96	R11=98	R12=93	R13=95	R14=99	R15=86	





Photometric Parameters

Luminous Flux: 195.25 lm
Efficiency: 65.08 lm/W
Radiant Power: 0.777 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, 4∏
Max of Signal: 42699 (5604)
CCD Integration Time: 3653.55 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%
Test Device: Inventfine CMS-2
Test Lab:
Test Time: 2021-12-20 15:41:24
Operator:
Inspector:

Lightsource Test Report

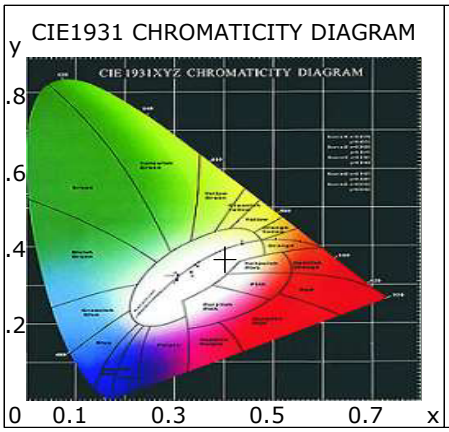
Product Information

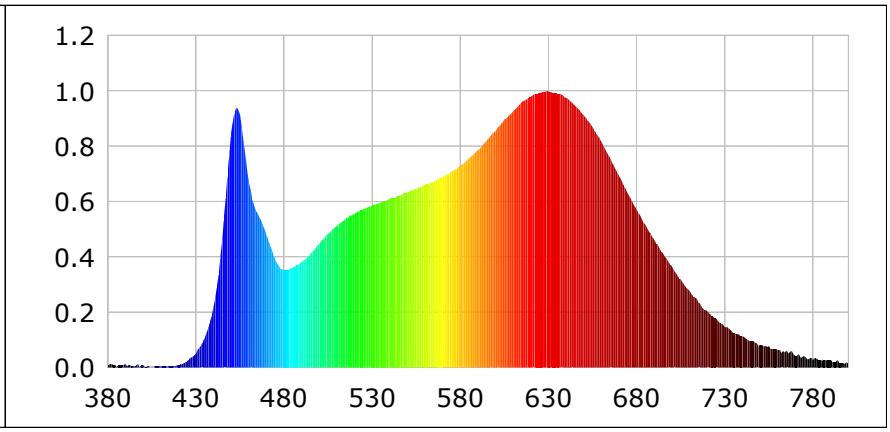
Product Type: 6W--2000-6000K-S Product Spec: 2000-6000K
Product Number: 383

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4029 y=0.3704 u(u')=0.2427 v=0.3348 v'=0.5021
CCT: Tc=3378K (duv=-0.00863) Color Ratio: R=0.240 G=0.718 B=0.042
Peak Wavelength: 629nm Half Bandwidth: 178.7nm
Dominant Wavelength: 585.9nm Color Purity: 0.321
Color Render Index: Ra= 95.0, CRI= 93.8

R1 =94	R2 =94	R3 =97	R4 =97	R5 =94	R6 =90	R7 =95	R8 =98
R9 =96	R10=90	R11=94	R12=80	R13=93	R14=99	R15=94	





Photometric Parameters

Luminous Flux: 438.16 lm Efficiency: 74.21 lm/W Radiant Power: 1.646 W

Electric Parameters

Voltage: 24.00V Current: 0.2460A Power: 5.90W
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, 4∏
Max of Signal: 48068 (5479) CCD Integration Time: 2639.68 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2021-12-20 15:43:37
Operator: Inspector:

Lightsource Test Report

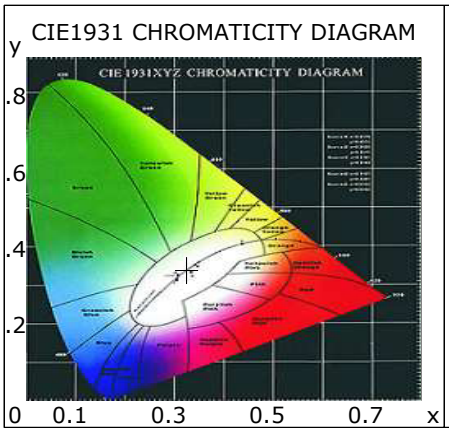
Product Information

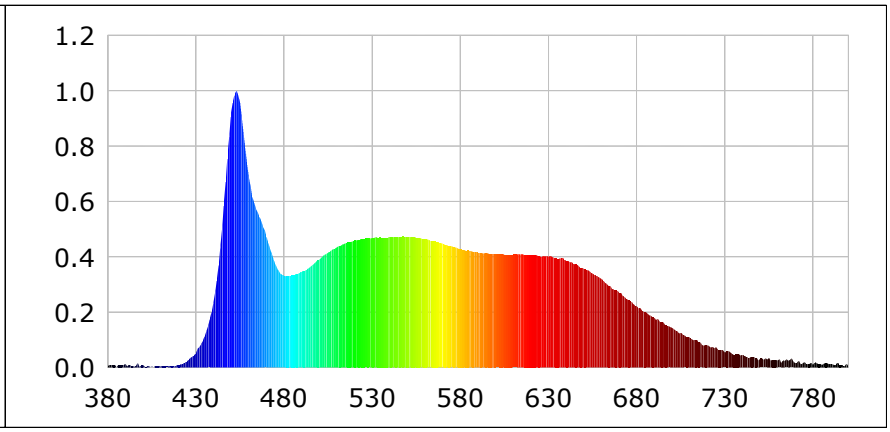
Product Type: 6W--6000K-S
Product Spec: 2000-6000K
Product Number: 382

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3251 y=0.3416 u(u')=0.2016 v=0.3178 v'=0.4767
CCT: Tc=5830K (duv=0.00362)
Color Ratio: R=0.159 G=0.778 B=0.063
Peak Wavelength: 453nm
Half Bandwidth: 24.0nm
Dominant Wavelength: 505.5nm
Color Purity: 0.025
Color Render Index: Ra= 93.5, CRI= 91.5

R1 =95	R2 =96	R3 =89	R4 =94	R5 =93	R6 =90	R7 =96	R8 =95
R9 =96	R10=87	R11=97	R12=59	R13=98	R14=93	R15=95	





Photometric Parameters

Luminous Flux: 248.05 lm
Efficiency: 85.42 lm/W
Radiant Power: 0.886 W

Electric Parameters

Voltage: 24.00V
Current: 0.1210A
Power: 2.90W
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, 4∏
Max of Signal: 49701 (5594)
CCD Integration Time: 3105.51 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%
Test Device: Inventfine CMS-2
Test Lab:
Test Time: 2021-12-20 15:42:28
Operator:
Inspector: