杭州创惠仪器有限公司
www.inventfine.com.cn
Tel: 86-571-88091262
Fax: 86-571-88262100

Lightsource Test Report

Product Information

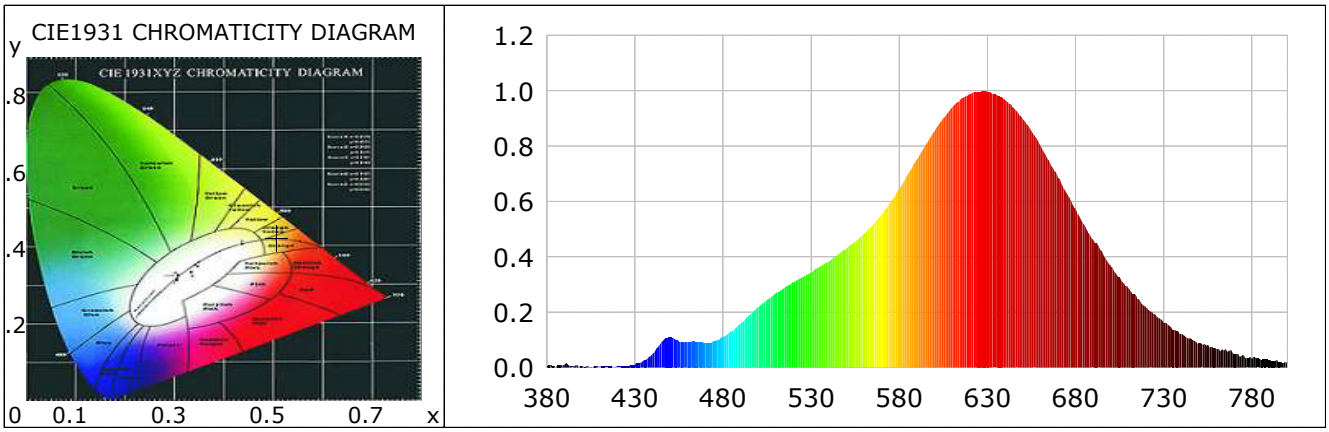
Product Type: KL-GL-W162-10W-BK

Product Number: 2000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.5075 y=0.4257 u(u')=0.2861 v=0.3601 v'=0.5401
CCT: Tc=2140K (duv=0.00328) Color Ratio: R=0.307 G=0.677 B=0.017
Peak Wavelength: 627nm Half Bandwidth: 123.8nm
Dominant Wavelength: 585.9nm Color Purity: 0.802
Color Render Index: Ra= 93.1, CRI= 89.6

R1 =97	R2 =98	R3 =94	R4 =97	R5 =98	R6 =90	R7 =87	R8 =77
R9 =55	R10=96	R11=92	R12=88	R13=98	R14=97	R15=87	



Photometric Parameters

Luminous Flux: 185.42 lm Efficiency: 36.79 lm/W Radiant Power: 1.004 W

Electric Parameters

Voltage: 24.00V Current: 0.2100A Power: 5.04W
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: 47307 (5573) CCD Integration Time: 1741.85 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2026-04-27 15:04:21
Operator: Inspector:

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Lightsource Test Report

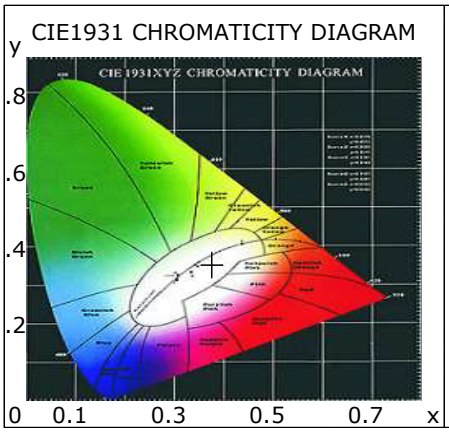
Product Information

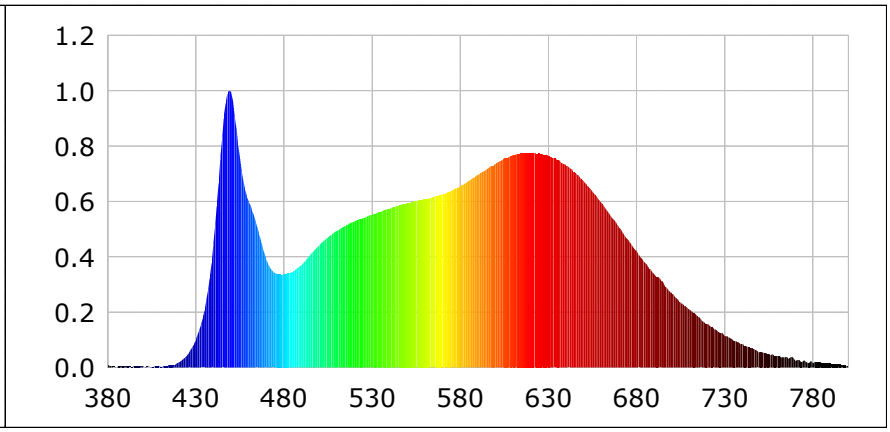
Product Type: KL-GL-W162-10W-BK Product Number: 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3766 y=0.3557 u(u')=0.2312 v=0.3276 v'=0.4914
CCT: Tc=3896K (duv=-0.00794) Color Ratio: R=0.214 G=0.740 B=0.046
Peak Wavelength: 449nm Half Bandwidth: 24.4nm
Dominant Wavelength: 586.2nm Color Purity: 0.197
Color Render Index: Ra= 94.7, CRI= 93.5

R1 =93	R2 =93	R3 =96	R4 =96	R5 =93	R6 =94	R7 =95	R8 =95
R9 =94	R10=90	R11=92	R12=79	R13=92	R14=98	R15=94	





Photometric Parameters

Luminous Flux: 427.28 lm Efficiency: 41.85 lm/W Radiant Power: 3.241 W

Electric Parameters

Voltage: 24.00V Current: 0.4254A Power: 10.21W
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: 44950 (5120) CCD Integration Time: 784.38 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2026-04-27 15:05:01
Operator: Inspector:

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Lightsource Test Report

Product Information

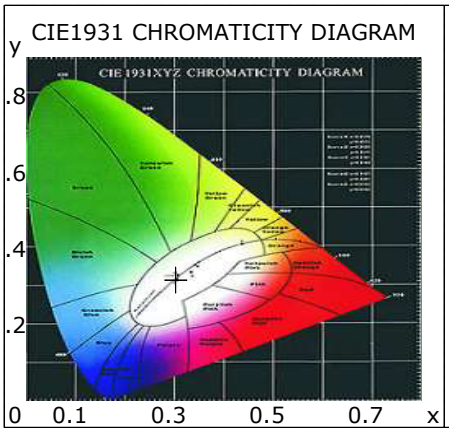
Product Type: KL-GL-W162-10W-BK

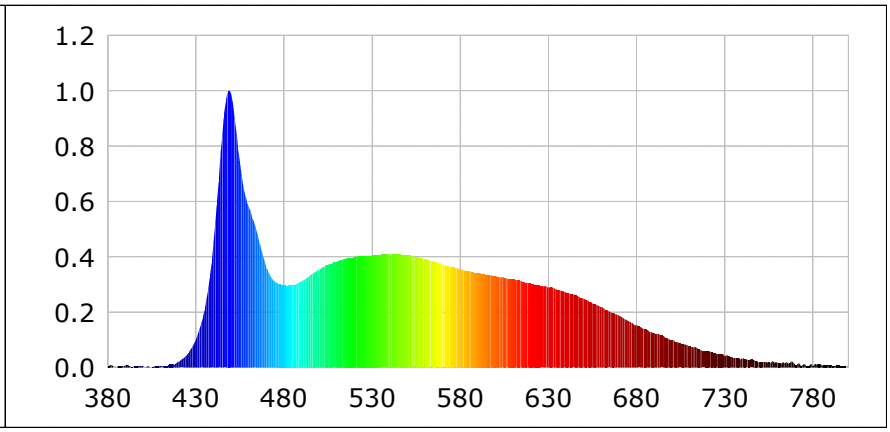
Product Number: 6000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3026 y=0.3167 u(u')=0.1954 v=0.3067 v'=0.4601
CCT: Tc=6394K (duv=0.00416)
Color Ratio: R=0.143 G=0.789 B=0.068
Peak Wavelength: 449nm
Half Bandwidth: 23.5nm
Dominant Wavelength: 484.4nm
Color Purity: 0.117
Color Render Index: Ra= 93.3, CRI= 90.9

R1 =93	R2 =96	R3 =85	R4 =99	R5 =93	R6 =93	R7 =97	R8 =88
R9 =65	R10=92	R11=90	R12=67	R13=95	R14=99	R15=96	





Photometric Parameters

Luminous Flux: 287.33 lm
Efficiency: 56.45 lm/W
Radiant Power: 1.239 W

Electric Parameters

Voltage: 24.00V
Current: 0.2120A
Power: 5.09W
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: 43187 (5179)
CCD Integration Time: 784.38 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%
Test Device: Inventfine CMS-2
Test Lab:
Test Time: 2026-04-27 15:06:12
Operator:
Inspector: