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

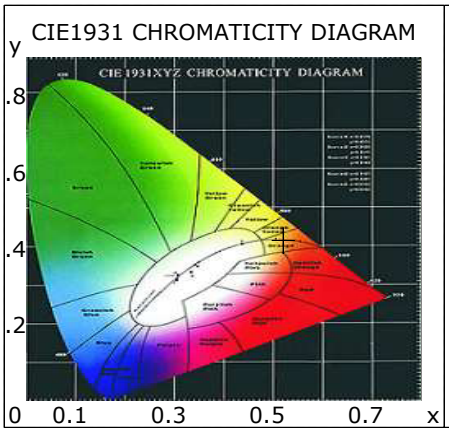
Product Information

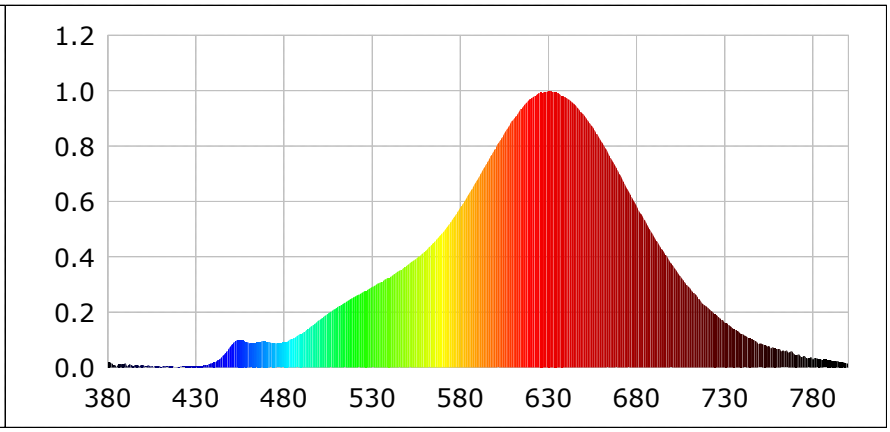
Product Spec: KL-GL-D65-18W-BK Product Number: 2000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.5210 y=0.4209 u(u')=0.2969 v=0.3602 v'=0.5402
CCT: Tc=2142K (duv=0.00218) Color Ratio: R=0.331 G=0.654 B=0.015
Peak Wavelength: 631nm Half Bandwidth: 115.8nm
Dominant Wavelength: 587.6nm Color Purity: 0.825
Color Render Index: Ra= 91.9, CRI= 91.3

R1 =94	R2 =96	R3 =98	R4 =94	R5 =96	R6 =98	R7 =90	R8 =79
R9 =57	R10=95	R11=97	R12=93	R13=94	R14=98	R15=86	





Photometric Parameters

Luminous Flux: 798.82 lm Efficiency: 88.17 lm/W Radiant Power: 3.077 W

Electric Parameters

Voltage: 24.00V Current: 0.3775A Power: 9.06W
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: 43069 (5427) CCD Integration Time: 1340.17 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2026-03-13 10:10:55
Operator: Inspector:

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Lightsource Test Report

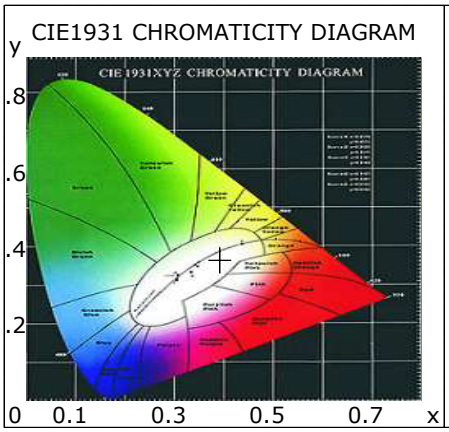
Product Information

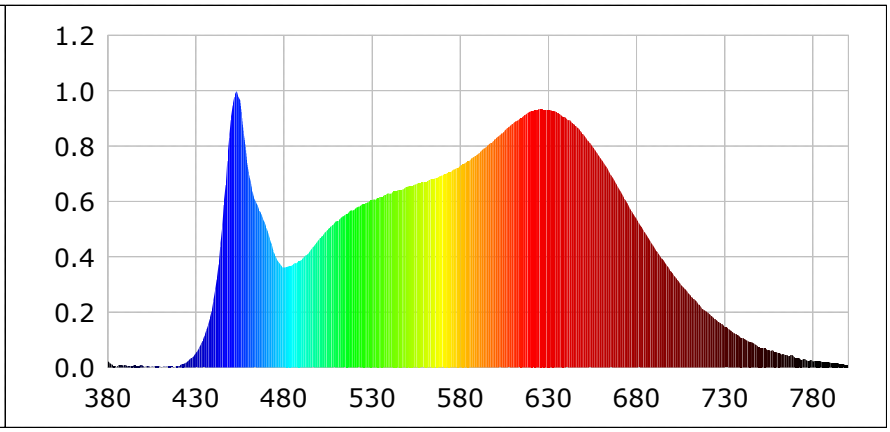
Product Spec: KL-GL-D65-18W-BK Product Number: 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3855 y=0.3663 u(u')=0.2325 v=0.3332 v'=0.4998
CCT: Tc=3976K (duv=-0.00907) Color Ratio: R=0.226 G=0.730 B=0.044
Peak Wavelength: 453nm Half Bandwidth: 25.6nm
Dominant Wavelength: 584.5nm Color Purity: 0.284
Color Render Index: Ra= 96.6, CRI= 95.2

R1 =97	R2 =96	R3 =99	R4 =99	R5 =96	R6 =93	R7 =95	R8 =97
R9 =93	R10=95	R11=96	R12=82	R13=95	R14=99	R15=95	





Photometric Parameters

Luminous Flux: 1782.72 lm Efficiency: 98.33 lm/W Radiant Power: 6.698 W

Electric Parameters

Voltage: 24.00V Current: 0.7554A Power: 18.13W
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: 44735 (5167) CCD Integration Time: 856.52 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2026-03-13 10:12:43
Operator: Inspector:

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Lightsource Test Report

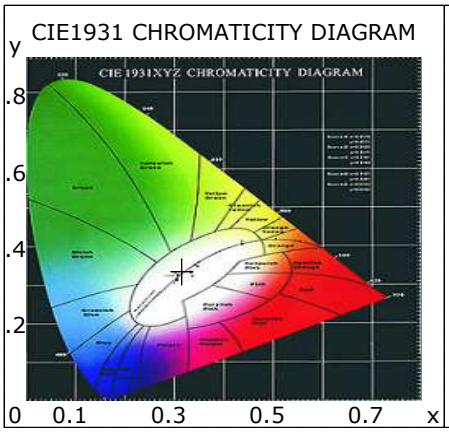
Product Information

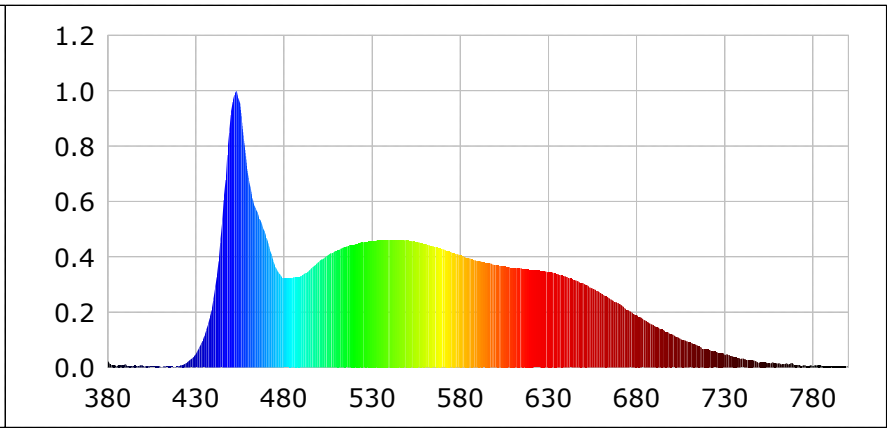
Product Spec: KL-GL-D65-18W-BK Product Number: 6000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3101 y=0.3352 u(u')=0.1961 v=0.3157 v'=0.4735
CCT: Tc=6231K (duv=0.00209) Color Ratio: R=0.147 G=0.788 B=0.065
Peak Wavelength: 453nm Half Bandwidth: 23.9nm
Dominant Wavelength: 495.2nm Color Purity: 0.059
Color Render Index: Ra= 93.3, CRI= 90.3

R1 =95	R2 =94	R3 =89	R4 =93	R5 =90	R6 =87	R7 =97	R8 =99
R9 =92	R10=80	R11=97	R12=55	R13=95	R14=94	R15=97	





Photometric Parameters

Luminous Flux: 971.30 lm Efficiency: 107.09 lm/W Radiant Power: 3.576 W

Electric Parameters

Voltage: 24.00V Current: 0.3779A Power: 9.07W
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: 46342 (5182) CCD Integration Time: 1043.87 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2026-03-13 10:13:52
Operator: Inspector: