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

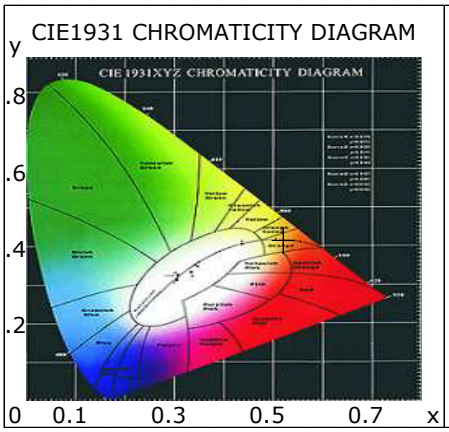
Product Information

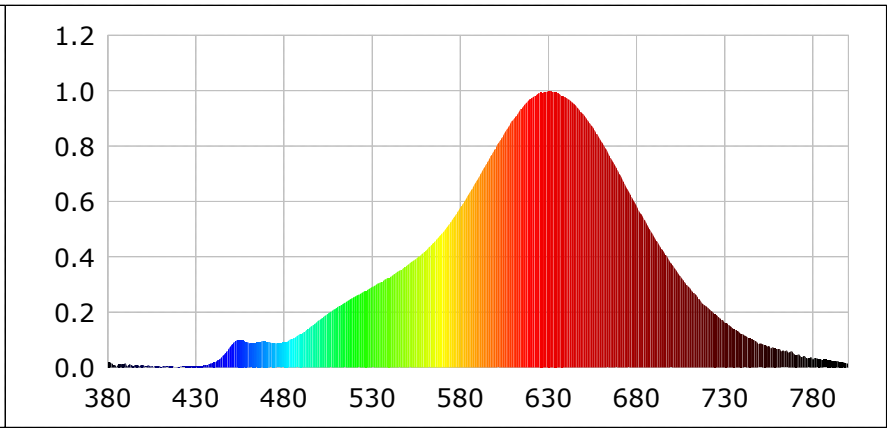
Product Type: KL-GL-D90-15W-BK Product Number: 2000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.5208 y=0.4203 u(u')=0.2975 v=0.3602 v'=0.5402
CCT: Tc=2120K (duv=0.00113) 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= 92.9, CRI= 90.1

R1 =97	R2 =97	R3 =94	R4 =97	R5 =99	R6 =98	R7 =88	R8 =77
R9 =54	R10=96	R11=92	R12=87	R13=99	R14=99	R15=87	





Photometric Parameters

Luminous Flux: 324.95 lm Efficiency: 43.56 lm/W Radiant Power: 3.028 W

Electric Parameters

Voltage: 24.00V Current: 0.3108A Power: 7.46W
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: 2026-04-27 10:10:54
Operator: Inspector:

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Lightsource Test Report

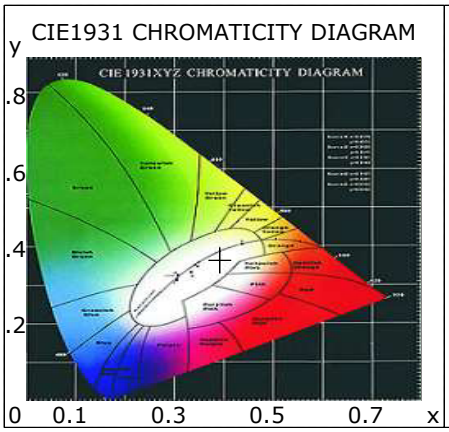
Product Information

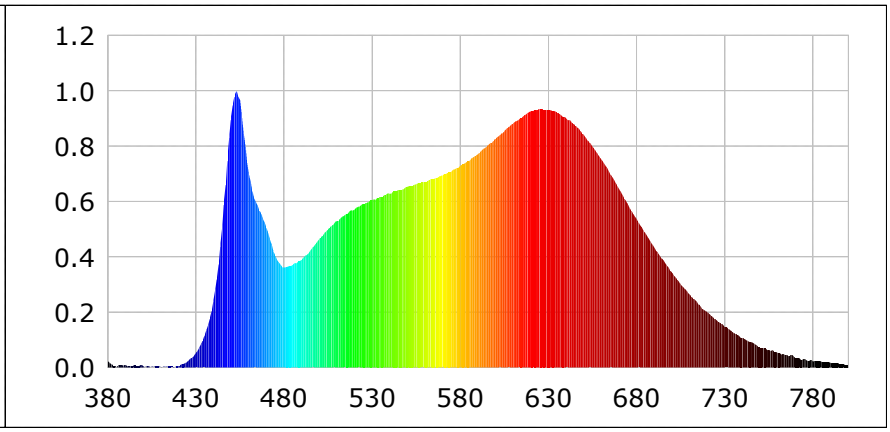
Product Type: KL-GL-D90-15W-BK Product Number: 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3925 y=0.3687 u(u')=0.2365 v=0.3332 v'=0.4998
CCT: Tc=3865K (duv=-0.0078) 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= 95.1, CRI= 93.7

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





Photometric Parameters

Luminous Flux: 761.30 lm Efficiency: 51.37 lm/W Radiant Power: 5.174 W

Electric Parameters

Voltage: 24.00V Current: 0.6175A Power: 14.82W
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: 2026-04-27 10:11:47
Operator: Inspector:

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Lightsource Test Report

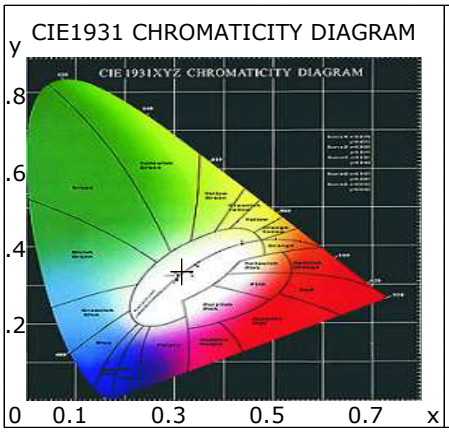
Product Information

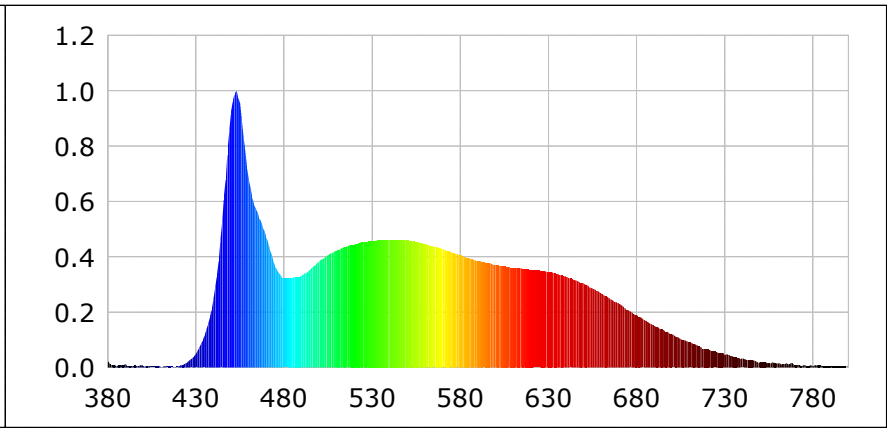
Product Type: KL-GL-D90-15W-BK Product Number: 6000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3151 y=0.3382 u(u')=0.1961 v=0.3157 v'=0.4735
CCT: Tc=6306K (duv=0.00461) 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= 93.1, CRI= 91.2

R1 =92	R2 =95	R3 =96	R4 =91	R5 =91	R6 =91	R7 =94	R8 =86
R9 =64	R10=89	R11=92	R12=68	R13=94	R14=97	R15=93	





Photometric Parameters

Luminous Flux: 453.22 lm Efficiency: 61.33 lm/W Radiant Power: 2.150 W

Electric Parameters

Voltage: 24.00V Current: 0.3079A Power: 7.39W
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: 2026-04-27 10:09:50
Operator: Inspector: