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

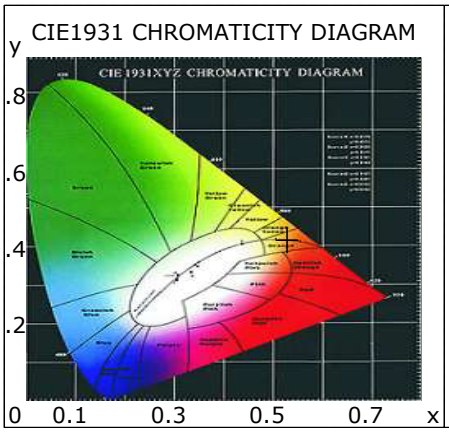
Product Information

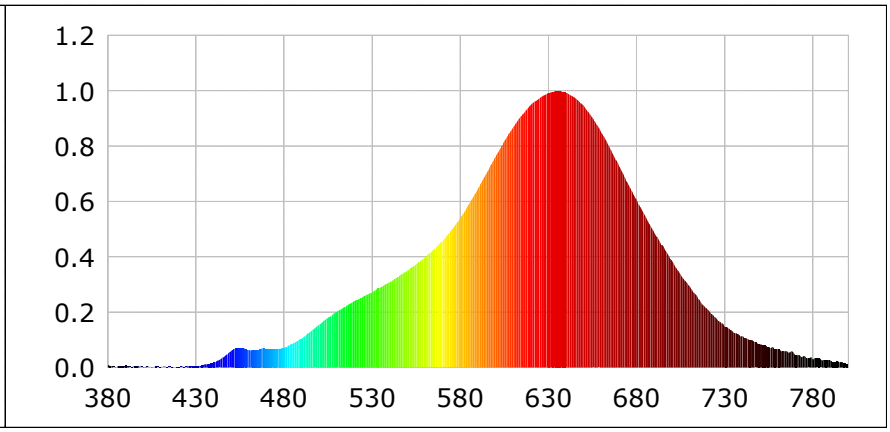
Product Category: KL-RD-D111-15W-BK Product Number: 2000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.5278 y=0.4201 u(u')=0.3036 v=0.3621 v'=0.5420
CCT: Tc=2108K (duv=0.00241) Color Ratio: R=0.341 G=0.646 B=0.013
Peak Wavelength: 636nm Half Bandwidth: 113.6nm
Dominant Wavelength: 587.9nm Color Purity: 0.854
Color Render Index: Ra= 94.2, CRI= 92.8

R1 =94	R2 =99	R3 =98	R4 =96	R5 =95	R6 =98	R7 =90	R8 =83
R9 =59	R10=93	R11=99	R12=96	R13=95	R14=98	R15=90	





Photometric Parameters

Luminous Flux: 631.14 lm Efficiency: 84.49 lm/W Radiant Power: 2.968 W

Electric Parameters

Voltage: 24.00V Current: 0.3112A Power: 7.47W
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: 44383 (5472) CCD Integration Time: 765.56 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 10:22:21
Operator: Inspector:

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Lightsource Test Report

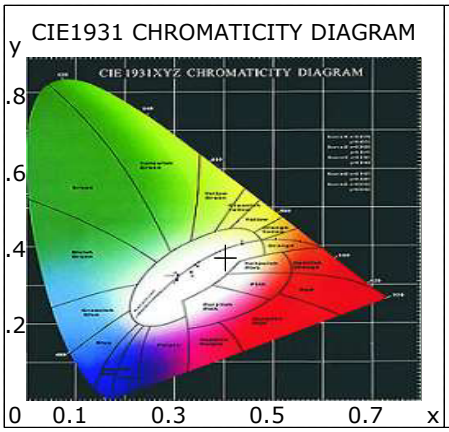
Product Information

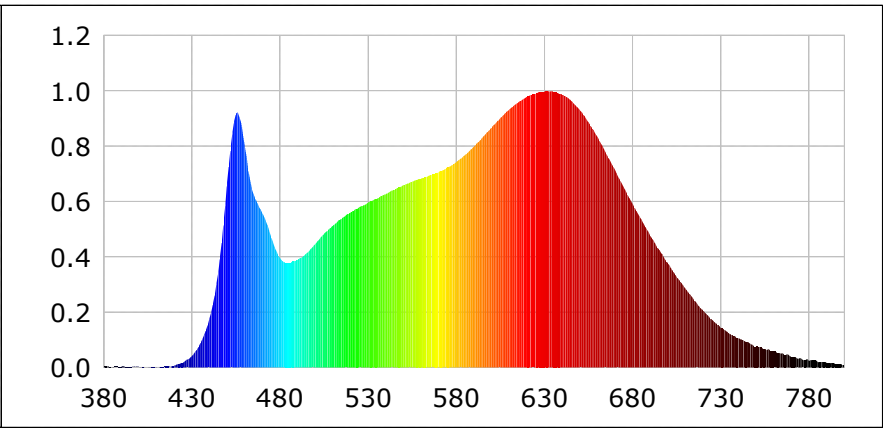
Product Category: KL-RD-D111-15W-BK Product Number: 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4033 y=0.3742 u(u')=0.2414 v=0.3359 v'=0.5039
CCT: Tc=3902K (duv=-0.00691) Color Ratio: R=0.237 G=0.720 B=0.043
Peak Wavelength: 631nm Half Bandwidth: 180.3nm
Dominant Wavelength: 584.8nm Color Purity: 0.334
Color Render Index: Ra= 95.1, CRI= 92.2

R1 =95	R2 =94	R3 =99	R4 =98	R5 =95	R6 =92	R7 =94	R8 =88
R9 =95	R10=92	R11=97	R12=81	R13=94	R14=99	R15=96	





Photometric Parameters

Luminous Flux: 1433.84 lm Efficiency: 97.21 lm/W Radiant Power: 8.092 W

Electric Parameters

Voltage: 24.00V Current: 0.6145A Power: 14.75W
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: 44347 (5213) CCD Integration Time: 503.09 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 10:24:03
Operator: Inspector:

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Lightsource Test Report

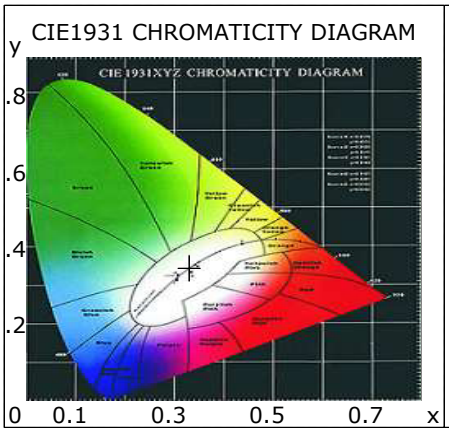
Product Information

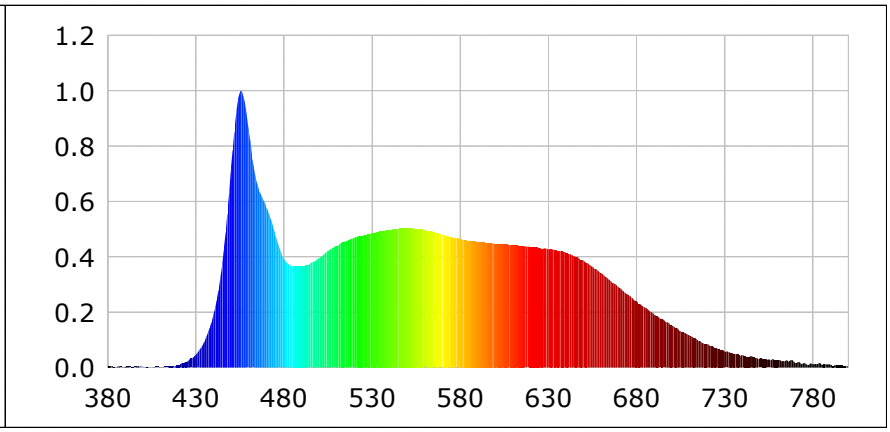
Product Category: KL-RD-D111-15W-BK Product Number: 6000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3298 y=0.3491 u(u')=0.2060 v=0.3209 v'=0.4803
CCT: Tc=5997K (duv=0.00487) Color Ratio: R=0.161 G=0.775 B=0.064
Peak Wavelength: 456nm Half Bandwidth: 27.2nm
Dominant Wavelength: 541.2nm Color Purity: 0.034
Color Render Index: Ra= 93.1, CRI= 92.3

R1 =95	R2 =96	R3 =92	R4 =90	R5 =91	R6 =91	R7 =94	R8 =93
R9 =94	R10=90	R11=93	R12=59	R13=98	R14=96	R15=93	





Photometric Parameters

Luminous Flux: 793.68 lm Efficiency: 107.11 lm/W Radiant Power: 3.216 W

Electric Parameters

Voltage: 24.00V Current: 0.3120A Power: 7.41W
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: 43027 (5256) CCD Integration Time: 503.09 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 10:26:51
Operator: Inspector: