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

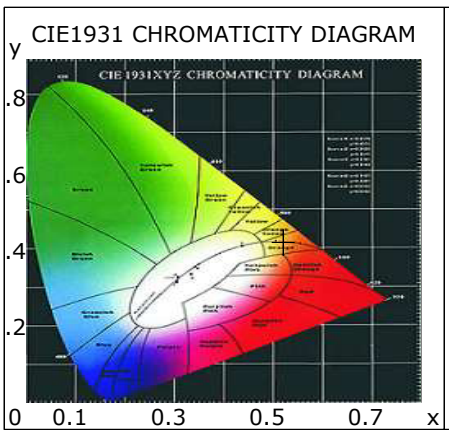
Product Information

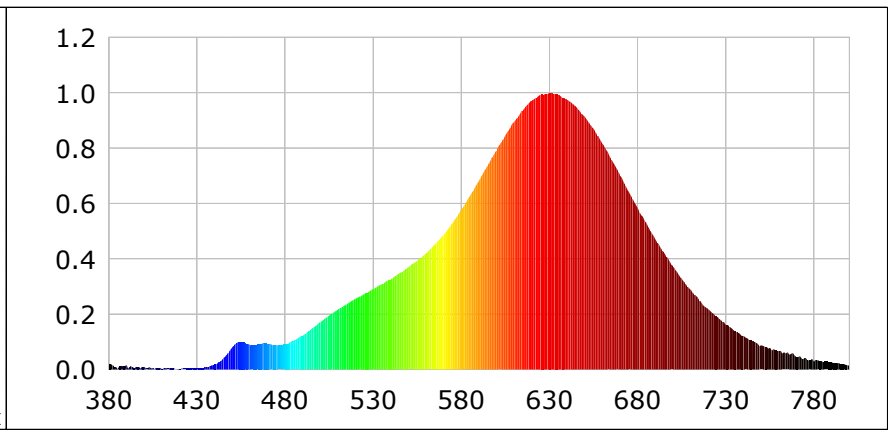
Product Type: KL-A75-15W-CCT-AL　　Product Number: 2000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.5208 y=0.4203　u(u')=0.2975 v=0.3602 v'=0.5402
CCT: Tc=2109K (duv=0.00181)　　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= 92.6, CRI= 91.8

R1 =94	R2 =98	R3 =98	R4 =93	R5 =97	R6 =98	R7 =89	R8 =80
R9 =56	R10=94	R11=97	R12=93	R13=98	R14=98	R15=90	





Photometric Parameters

Luminous Flux: 585.74 lm　　Efficiency: 77.48 lm/W　　Radiant Power: 2.958 W

Electric Parameters

Voltage: 24.00V　　Current: 0.3150A　　Power: 7.56W
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, 4π
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: 2025-11-27 17:21:04
Operator:　　Inspector:

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Lightsource Test Report

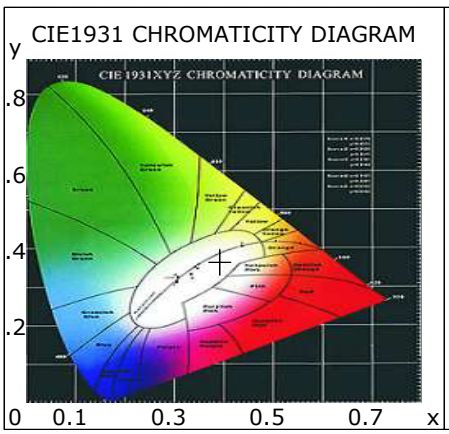
Product Information

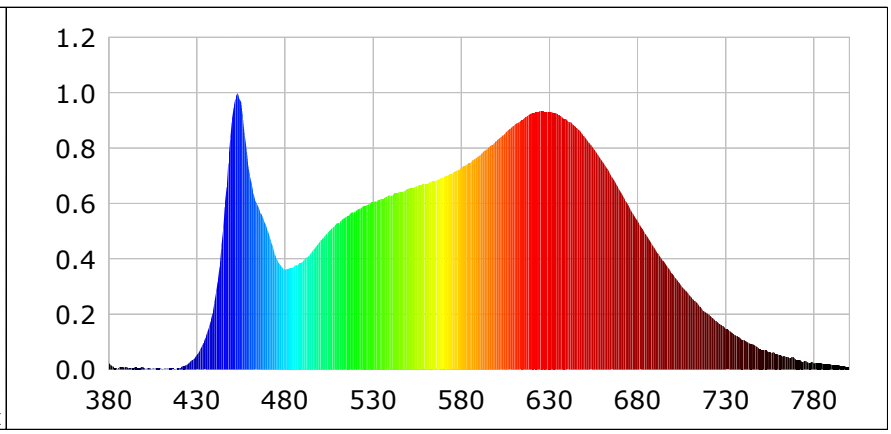
Product Type: KL-A75-15W-CCT-AL　　Product Number: 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3925 y=0.3687　u(u')=0.2365 v=0.3332 v'=0.4998
CCT: Tc=3599K (duv=-0.00686)　　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= 93.9

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





Photometric Parameters

Luminous Flux: 1438.32 lm　　Efficiency: 95.19 lm/W　　Radiant Power: 5.958 W

Electric Parameters

Voltage: 24.00V　　Current: 0.6295A　　Power: 15.11W
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, 4π
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: 2025-11-27 17:25:47
Operator:　　Inspector:

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Lightsource Test Report

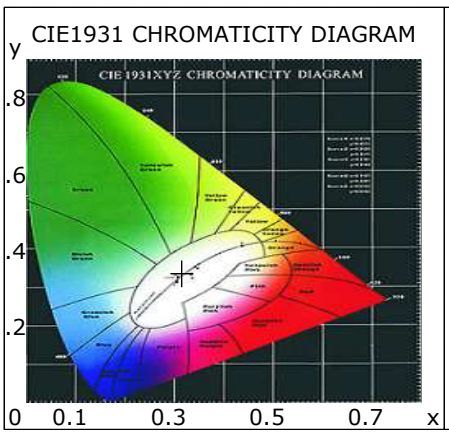
Product Information

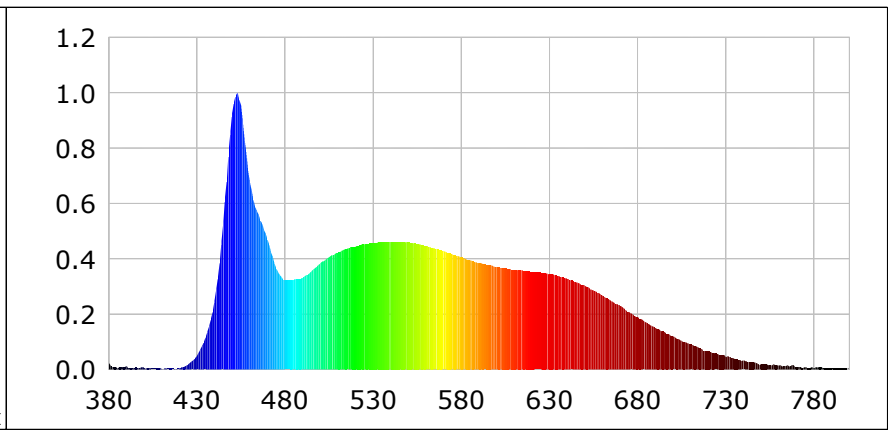
Product Type: KL-A75-15W-CCT-AL　　Product Number: 6000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3151 y=0.3382　u(u')=0.1961 v=0.3157 v'=0.4735
CCT: Tc=5921K (duv=0.00576)　　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= 91.9, CRI= 90.8

R1 =94	R2 =95	R3 =89	R4 =93	R5 =92	R6 =88	R7 =97	R8 =95
R9 =88	R10=90	R11=96	R12=55	R13=95	R14=94	R15=94	





Photometric Parameters

Luminous Flux: 820.76 lm　　Efficiency: 107.15 lm/W　　Radiant Power: 2.962 W

Electric Parameters

Voltage: 24.00V　　Current: 0.3191A　　Power: 7.66W
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, 4π
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: 2025-11-27 17:30:06
Operator:　　Inspector: