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

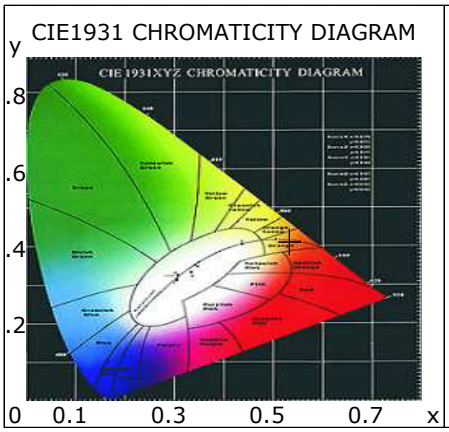
Product Information

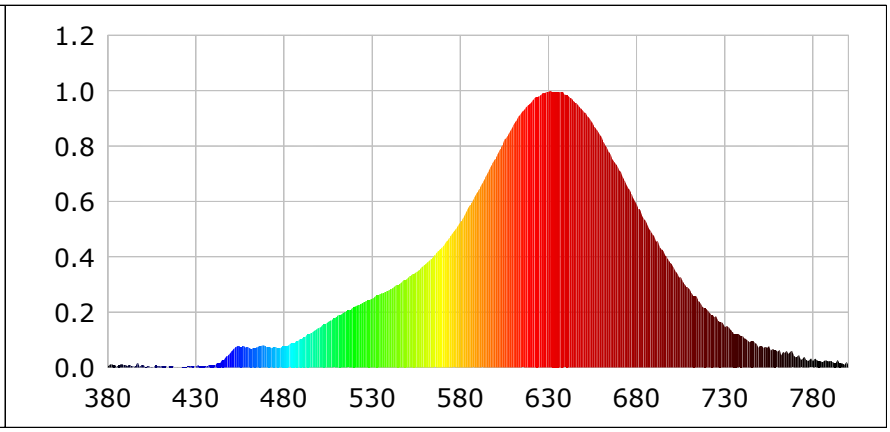
Product Type: KL-SL-D86-9W Product Spec: 2000K
Product Number:

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.5184 y=0.4163 u(u')=0.3046 v=0.3600 v'=0.5399
CCT: Tc=2004K (duv=0.00109) Color Ratio: R=0.353 G=0.633 B=0.014
Peak Wavelength: 631nm Half Bandwidth: 109.9nm
Dominant Wavelength: 588.9nm Color Purity: 0.851
Color Render Index: Ra= 92.8, CRI= 91.6

R1 =96	R2 =99	R3 =94	R4 =96	R5 =98	R6 =95	R7 =87	R8 =80
R9 =55	R10=96	R11=98	R12=86	R13=95	R14=98	R15=88	





Photometric Parameters

Luminous Flux: 171.67 lm Efficiency: 57.61 lm/W Radiant Power: 0.772 W

Electric Parameters

Voltage: 24.00V Current: 0.1241A Power: 2.98W
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: 44079 (5350) CCD Integration Time: 3673.93 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2026-01-28 16:12:44
Operator: Inspector:

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Lightsource Test Report

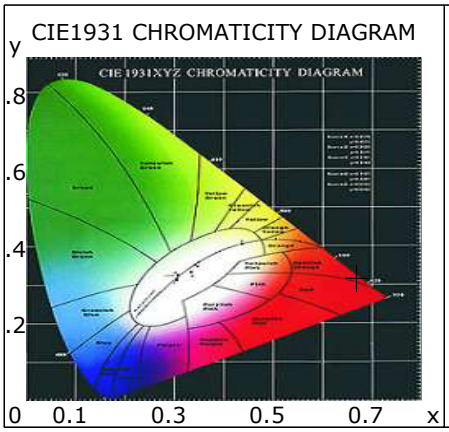
Product Information

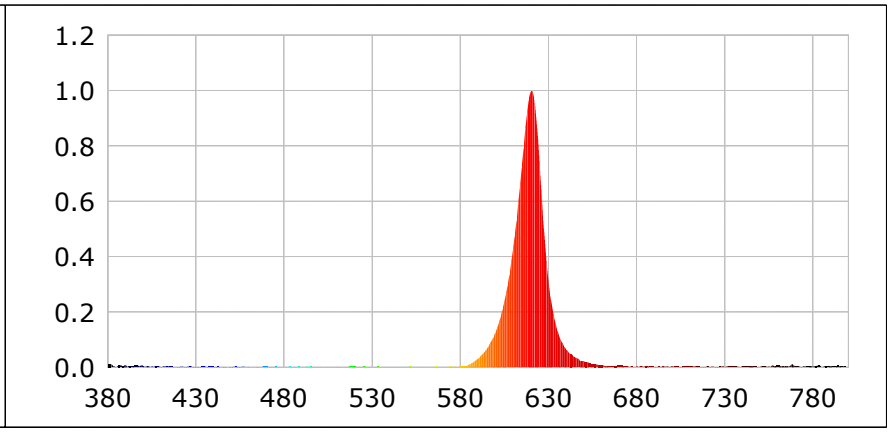
Product Type: KL-SL-D86-9W Product Spec: Red
Product Number:

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.7097 y=0.3165 u(u')=0.4988 v=0.3493 v'=0.5246
CCT: Tc=1000K (duv=-0.03863) Color Ratio: R=0.915 G=0.084 B=0.002
Peak Wavelength: 623.6nm Half Bandwidth: 16.1nm
Dominant Wavelength: 616.8nm Color Purity: 0.995
Color Render Index: Ra= 26.0, CRI= 29.2

R1 =16	R2 =72	R3 =33	R4 =0	R5 =18	R6 =88	R7 =0	R8 =0
R9 =0	R10=71	R11=9	R12=61	R13=38	R14=63	R15=0	





Photometric Parameters

Luminous Flux: 91.78 lm Efficiency: 31.01 lm/W Radiant Power: 0.411 W

Electric Parameters

Voltage: 24.00V Current: 0.1233A Power: 2.96W
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: 43166 (5522) CCD Integration Time: 982.82 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2026-01-28 16:19:11
Operator: Inspector:

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Lightsource Test Report

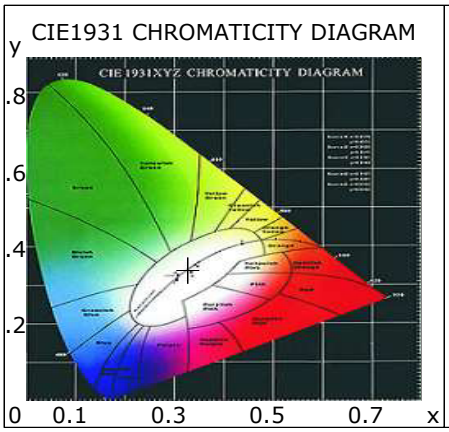
Product Information

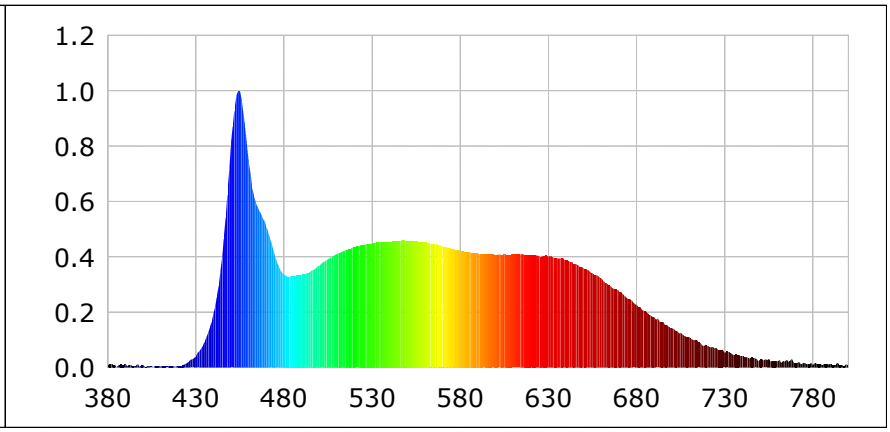
Product Type: KL-SL-D86-9W Product Spec: 6000K
Product Number:

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3236 y=0.3409 u(u')=0.2009 v=0.3181 v'=0.4761
CCT: Tc=5859K (duv=0.00211) Color Ratio: R=0.163 G=0.773 B=0.064
Peak Wavelength: 456nm Half Bandwidth: 24.2nm
Dominant Wavelength: 513.2nm Color Purity: 0.018
Color Render Index: Ra= 93.7, CRI= 91.8

R1 =95	R2 =98	R3 =97	R4 =91	R5 =93	R6 =95	R7 =93	R8 =93
R9 =89	R10=94	R11=95	R12=59	R13=98	R14=94	R15=92	





Photometric Parameters

Luminous Flux: 252.35 lm Efficiency: 84.40 lm/W Radiant Power: 0.899 W

Electric Parameters

Voltage: 24.00V Current: 0.1245A Power: 2.99W
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: 45356 (5175) CCD Integration Time: 2649.15 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2026-01-28 16:14:28
Operator: Inspector: