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

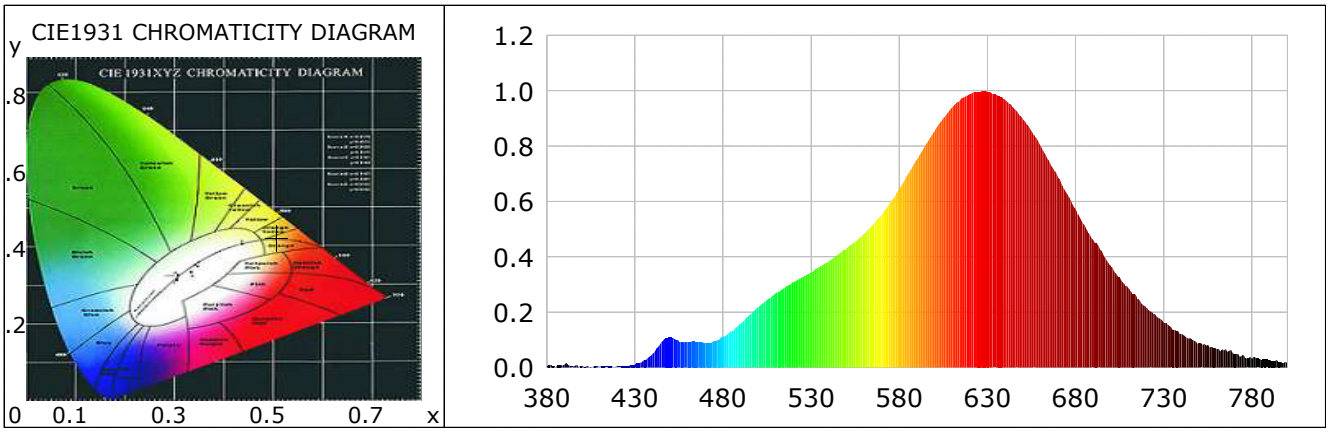
Product Information

Product Category: KL-PS-GAN-12W-BK Product Number: 2000K
Manufacturer:

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.5036 y=0.4151 u(u')=0.2861 v=0.3601 v'=0.5401
CCT: Tc=2157K (duv=0.00008) Color Ratio: R=0.307 G=0.677 B=0.017
Peak Wavelength: 627nm Half Bandwidth: 123.8nm
Dominant Wavelength: 585.9nm Color Purity: 0.802
Color Render Index: Ra= 92.9, CRI= 90.7

R1 =91	R2 =96	R3 =93	R4 =92	R5 =92	R6 =99	R7 =89	R8 =76
R9 =58	R10=91	R11=95	R12=91	R13=92	R14=99	R15=84	



Photometric Parameters

Luminous Flux: 446.46 lm Efficiency: 72.36 lm/W Radiant Power: 1.773 W

Electric Parameters

Voltage: 24.00V Current: 0.2570A Power: 6.17W
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: 47307 (5573) CCD Integration Time: 1741.85 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2025-09-03 9:33:32
Operator: Inspector:

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Lightsource Test Report

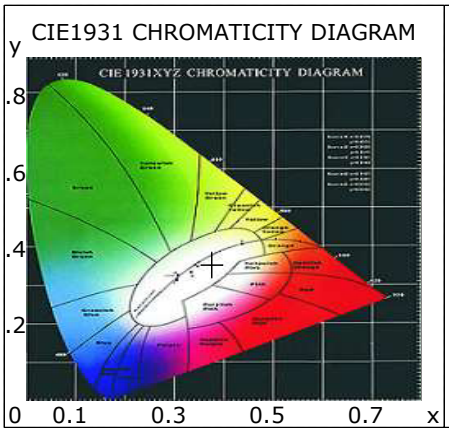
Product Information

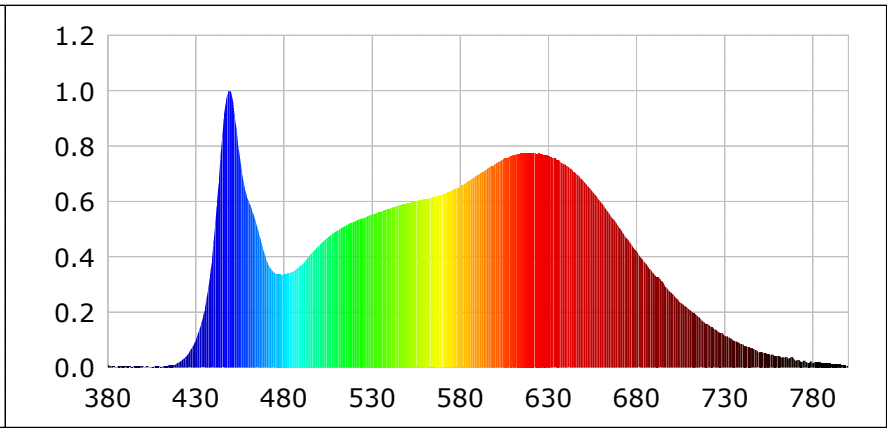
Product Category: KL-PS-GAN-12W-BK
Product Number:4000K
Manufacturer:

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3766 y=0.3557 u(u')=0.2312 v=0.3276 v'=0.4914
CCT: Tc=3932K (duv=-0.00756) Color Ratio: R=0.214 G=0.740 B=0.046
Peak Wavelength: 449nm Half Bandwidth: 24.4nm
Dominant Wavelength: 586.2nm Color Purity: 0.197
Color Render Index: Ra= 94.5, CRI= 93.6

R1 =91	R2 =98	R3 =97	R4 =97	R5 =98	R6 =94	R7 =95	R8 =96
R9 =94	R10=92	R11=95	R12=82	R13=97	R14=97	R15=95	





Photometric Parameters

Luminous Flux: 1031.47 lm Efficiency: 84.34 lm/W Radiant Power: 4.020 W

Electric Parameters

Voltage: 24.00V Current: 0.5095A Power: 12.23W
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: 44950 (5120) CCD Integration Time: 784.38 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2025-09-03 9:34:18
Operator: Inspector:

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Lightsource Test Report

Product Information

Product Category: KL-PS-GAN-12W-BK

Product Number: 6000K

Manufacturer:

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3026 y=0.3167 u(u')=0.1954 v=0.3067 v'=0.4601

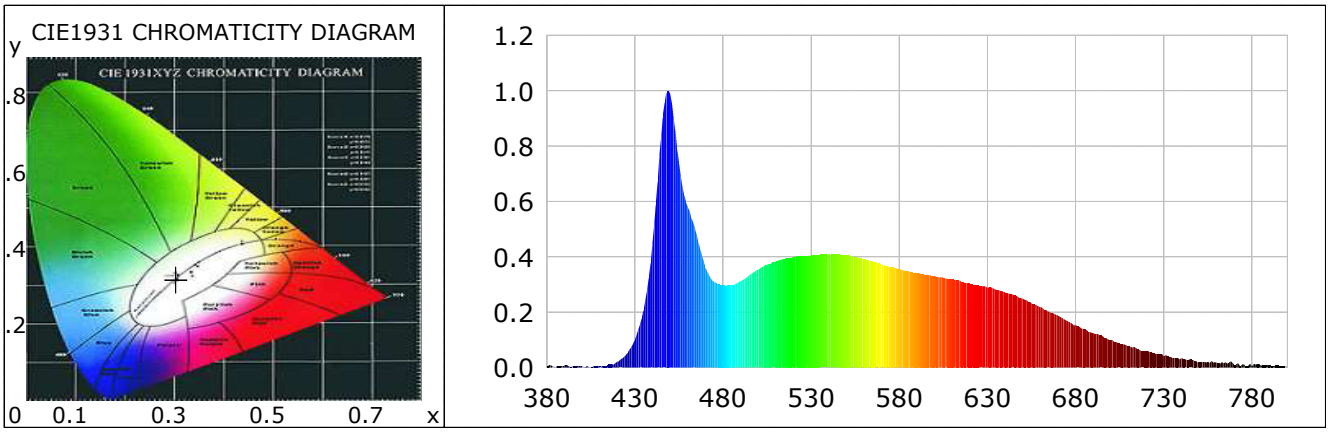
CCT: Tc=6198K (duv=0.00388) Color Ratio: R=0.143 G=0.789 B=0.068

Peak Wavelength: 449nm Half Bandwidth: 23.5nm

Dominant Wavelength: 484.4nm Color Purity: 0.117

Color Render Index: Ra= 93.3, CRI= 91.1

R1 =95	R2 =97	R3 =85	R4 =99	R5 =93	R6 =86	R7 =97	R8 =99
R9 =91	R10=92	R11=97	R12=60	R13=95	R14=92	R15=90	



Photometric Parameters

Luminous Flux: 569.78 lm Efficiency: 94.18 lm/W Radiant Power: 2.298 W

Electric Parameters

Voltage: 24.00V Current: 0.2520A Power: 6.05W

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: 43187 (5179) CCD Integration Time: 784.38 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2

Test Lab: Test Time: 2025-09-03 9:35:21

Operator: Inspector: