

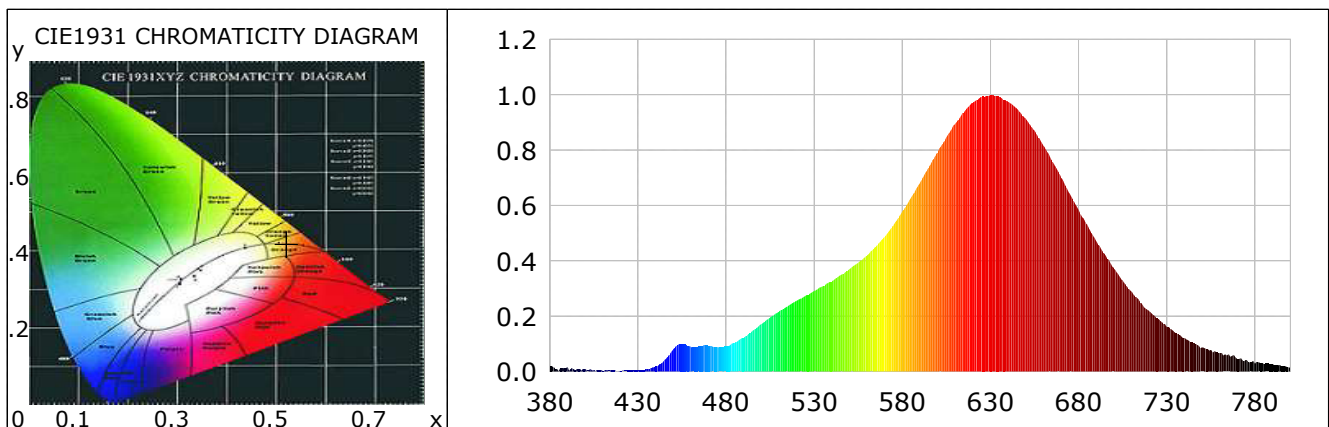
Lightsource Test Report

Product Information

Product Type: KL-CL-D600-UAD-98W-BK Product Number: 2000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5209$ $y=0.4201$ $u(u')=0.2975$ $v=0.3602$ $v'=0.5402$
 CCT: $T_c=2076K$ ($duv=0.00101$) Color Ratio: $R=0.331$ $G=0.654$ $B=0.015$
 Peak Wavelength: 641nm Half Bandwidth: 115.8nm
 Dominant Wavelength: 587.6nm Color Purity: 0.825
 Color Render Index: $R_a=93.9$, $CRI=92.7$
 $R1=93$ $R2=98$ $R3=98$ $R4=94$ $R5=93$ $R6=99$ $R7=90$ $R8=83$
 $R9=63$ $R10=95$ $R11=96$ $R12=94$ $R13=96$ $R14=99$ $R15=86$



Photometric Parameters

Luminous Flux: 3622.59 lm Efficiency: 73.81 lm/W Radiant Power: 11.102 W

Electric Parameters

Voltage: 24.00V Current: 2.0450A Power: 49.08W
 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

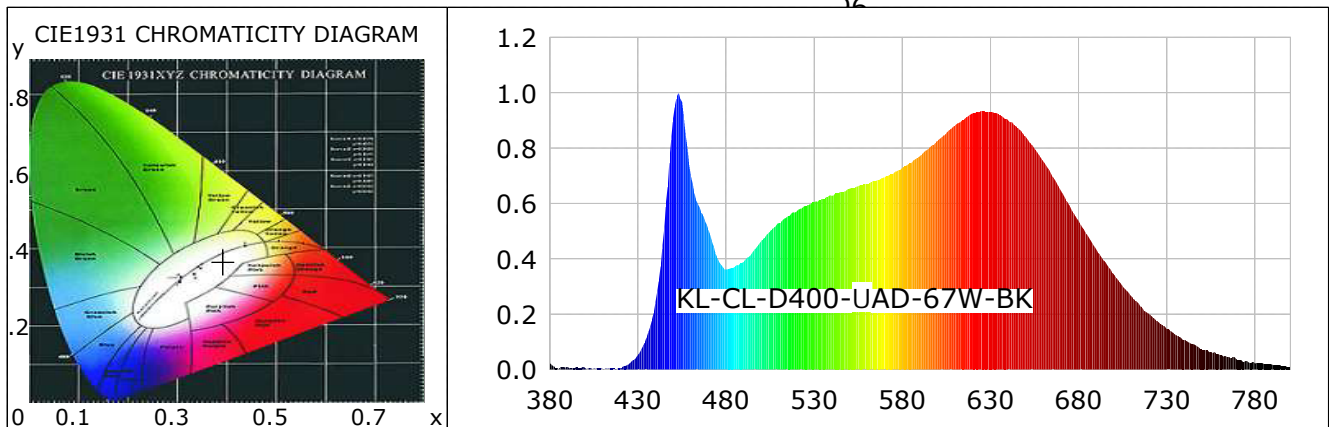
Lightsource Test Report

Product Information

Product Type: KL-CL-D600-UAD-98W-BK Product Number: 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3926$ $y=0.3689$ $u(u')=0.2365$ $v=0.3332$ $v'=0.4998$
 CCT: $T_c=3609K$ ($duv=-0.01003$) Color Ratio: $R=0.226$ $G=0.730$ $B=0.044$
 Peak Wavelength: 451nm Half Bandwidth: 25.6nm
 Dominant Wavelength: 584.5nm Color Purity: 0.284
 Color Render Index: $R_a=94.2$, $CRI=92.8$
 $R1=91$ $R2=96$ $R3=89$ $R4=99$ $R5=96$ $R6=91$ $R7=95$ $R8=92$
 $R9=92$ $R10=93$ $R11=96$ $R12=89$ $R13=95$ $R14=$ $R15=92$



Photometric Parameters

Luminous Flux: 8424.70 lm Efficiency: 85.87 lm/ Radiant Power: 17.211 W

Electric Parameters

Voltage: 24.00V Current: 4.0879A Power: 98.11W
 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

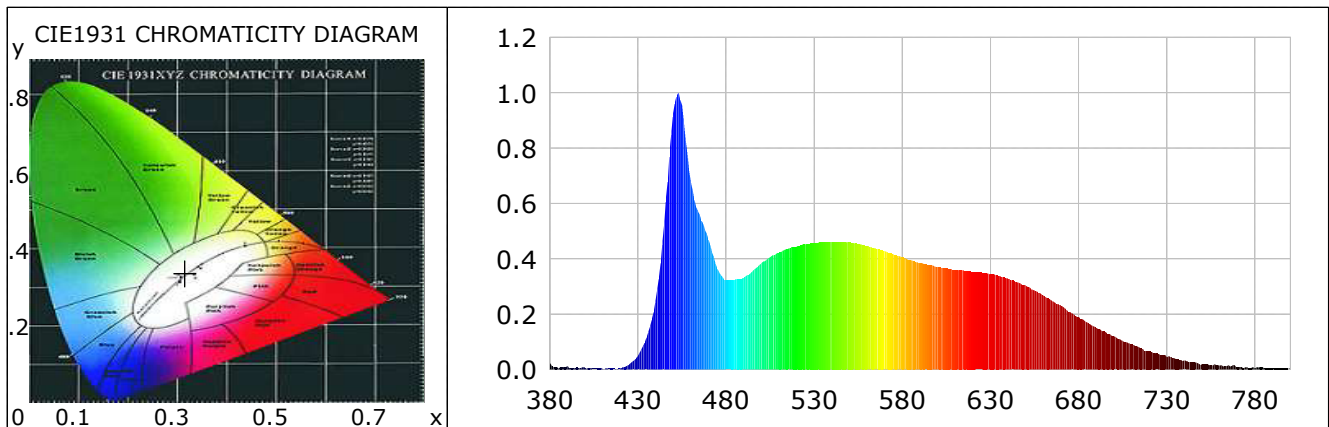
Lightsource Test Report

Product Information

Product Type: KL-CL-D600-UAD-98W-BK Product Number: 6000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3153$ $y=0.3381$ $u(u')=0.1961$ $v=0.3157$ $v'=0.4736$
 CCT: $T_c=6166K$ ($duv=0.00176$) Color Ratio: $R=0.147$ $G=0.788$ $B=0.065$
 Peak Wavelength: 451nm Half Bandwidth: 23.9nm
 Dominant Wavelength: 495.2nm Color Purity: 0.059
 Color Render Index: $R_a=92.9$, $CRI=90.8$
 R1 =95 R2 =96 R3 =84 R4 =93 R5 =90 R6 =89 R7 =97 R8 =88
 R9 =88 R10=90 R11=82 R12=74 R13=95 R14=94 R15=93



Photometric Parameters

Luminous Flux: 4584.40 lm Efficiency: 93.16 lm/W Radiant Power: 16.003 W

Electric Parameters

Voltage: 24.00V Current: 2.0504A Power: 49.21W
 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