

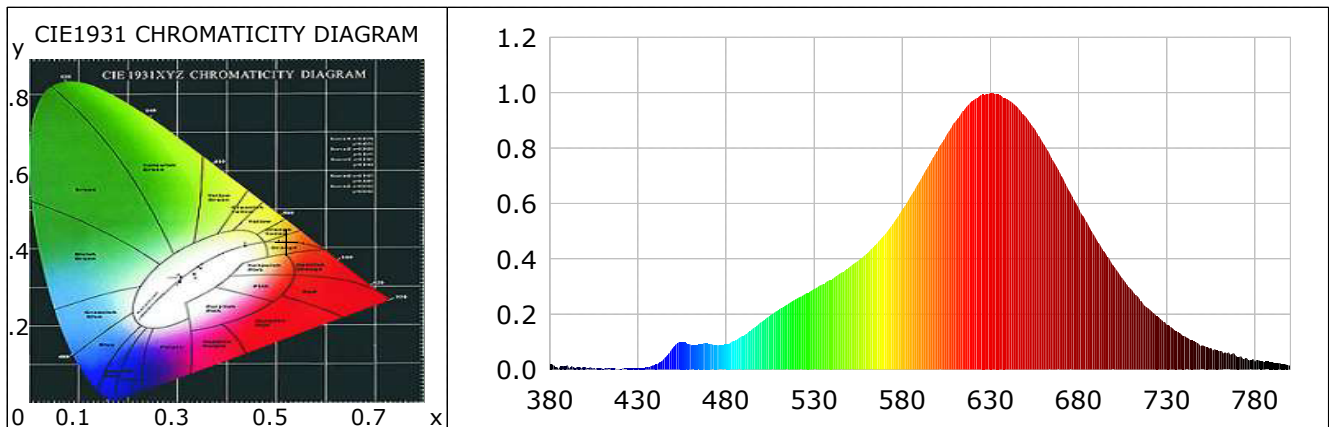
Lightsource Test Report

Product Information

Product Type: KL-T1001AT-180-18W-BK 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: $T_c=2088K$ ($duv=0.00179$) 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: $R_a=93.1$, $CRI=90.8$
 $R1=93$ $R2=97$ $R3=99$ $R4=93$ $R5=94$ $R6=98$ $R7=89$ $R8=90$
 $R9=55$ $R10=95$ $R11=97$ $R12=94$ $R13=94$ $R14=99$ $R15=92$



Photometric Parameters

Luminous Flux: 779.70 lm Efficiency: 86.06 lm/W Radiant Power: 3.058 W

Electric Parameters

Voltage: 24.00V Current: 0.3775A Power: 9.06W
 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

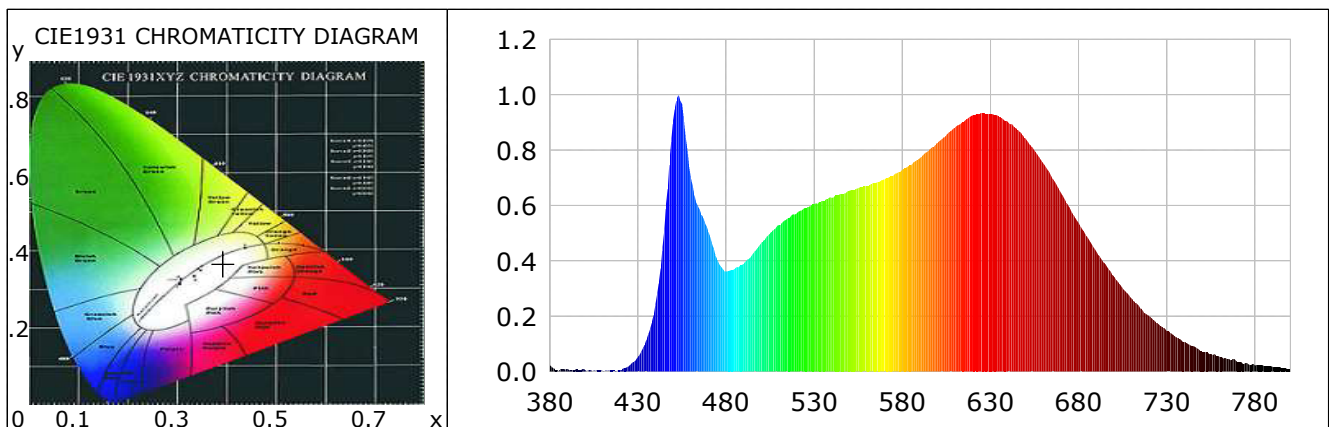
Lightsource Test Report

Product Information

Product Type: KL-T1001AT-180-18W-BK 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: $T_c=3909K$ ($duv=-0.00707$) 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: $R_a=95.8$, $CRI=94.7$
 $R1=97$ $R2=96$ $R3=98$ $R4=99$ $R5=96$ $R6=93$ $R7=95$ $R8=97$
 $R9=96$ $R10=94$ $R11=96$ $R12=82$ $R13=95$ $R14=99$ $R15=96$



Photometric Parameters

Luminous Flux: 1794.80 lm Efficiency: 98.67 lm/W Radiant Power: 6.682 W

Electric Parameters

Voltage: 24.00V Current: 0.7579A Power: 18.19W
 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

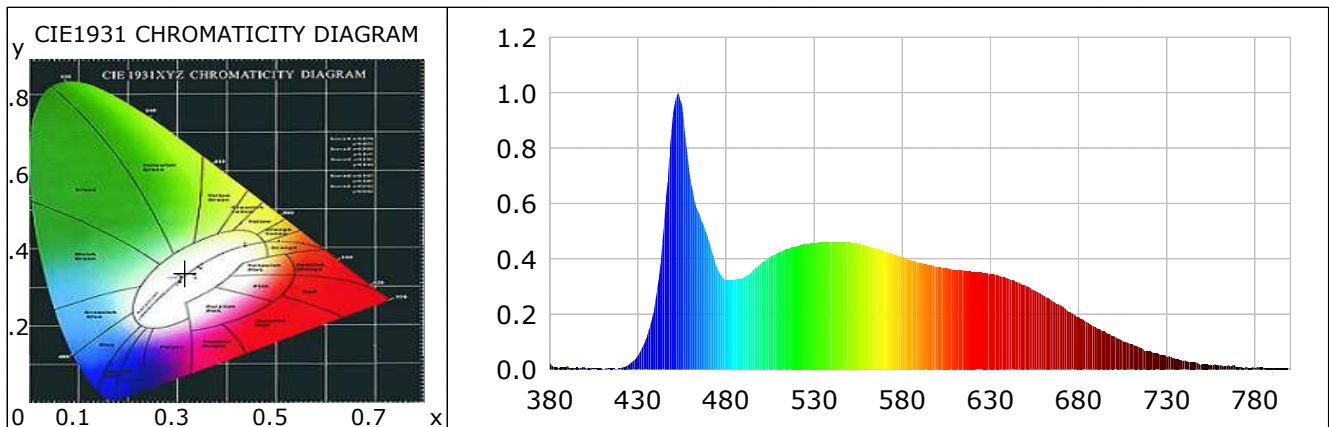
Lightsource Test Report

Product Information

Product Type: KL-T1001AT-180-18W-BK 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: $T_c=6233K$ ($duv=0.00679$) 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: $R_a=92.8$, $CRI=90.7$
 $R1=94$ $R2=96$ $R3=89$ $R4=93$ $R5=92$ $R6=89$ $R7=97$ $R8=95$
 $R9=88$ $R10=83$ $R11=96$ $R12=59$ $R13=95$ $R14=94$ $R15=93$



Photometric Parameters

Luminous Flux: 986.52 lm Efficiency: 109.25 lm/W Radiant Power: 3.569 W

Electric Parameters

Voltage: 24.00V Current: 0.3762A Power: 9.03W
 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