

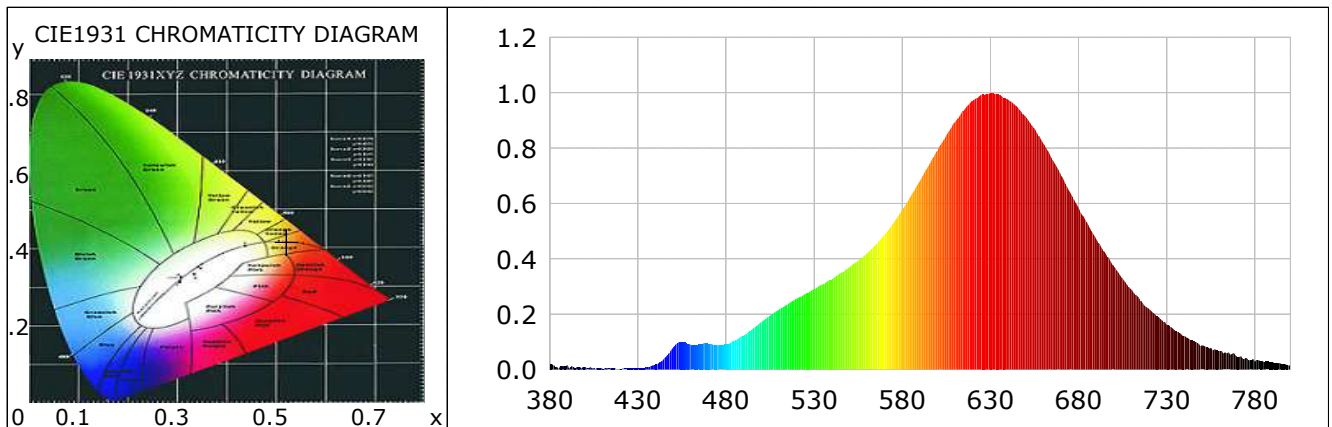
Lightsource Test Report

Product Information

Product Type: 300*300 Ceiling Light 24W 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: $T_c=2080K$ ($duv=0.00184$) Color Ratio: $R=0.341$ $G=0.646$ $B=0.013$
Peak Wavelength: 636nm Half Bandwidth: 113.8nm
Dominant Wavelength: 587.9nm Color Purity: 0.825
Color Render Index: $R_a=93.1$, $CRI=91.4$
 $R1=94$ $R2=97$ $R3=98$ $R4=93$ $R5=95$ $R6=98$ $R7=88$ $R8=79$
 $R9=54$ $R10=94$ $R11=97$ $R12=93$ $R13=95$ $R14=99$ $R15=86$



Photometric Parameters

Luminous Flux: 1095.02 lm Efficiency: 89.83 lm/W Radiant Power: 3.648 W

Electric Parameters

Voltage: 24.00V Current: 0.5079A Power: 12.19W
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: 43069 (5427) CCD Integration Time: 1340.17 ms

Condition: $T_x:0.0^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2
Test Time: 2024-05-23 11:13:29
Inspector:

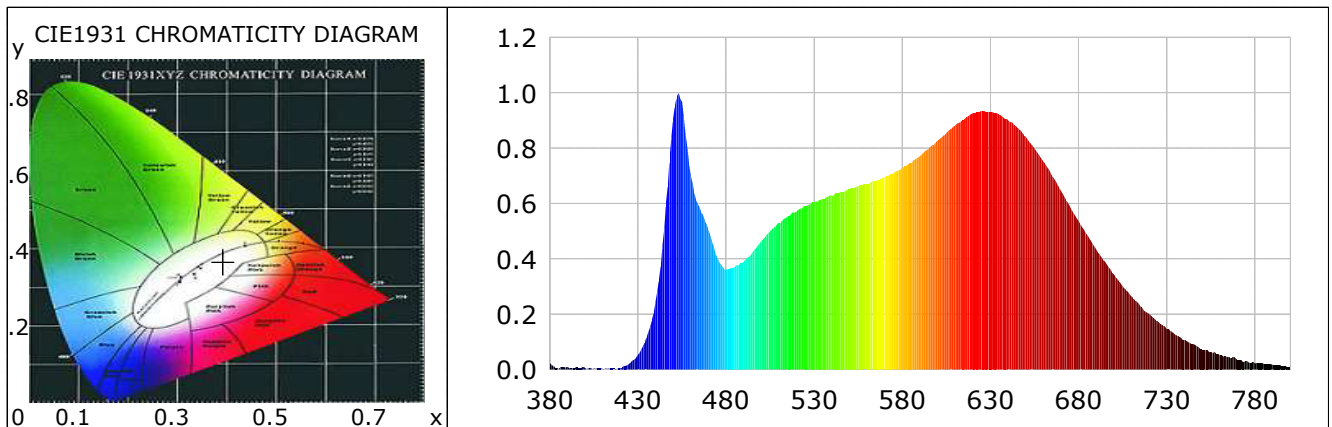
Lightsource Test Report

Product Information

Product Type: 300*300 Ceiling Light 24W 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: $T_c=3819K$ ($duv=-0.00709$) Color Ratio: $R=0.226$ $G=0.730$ $B=0.044$
Peak Wavelegh: 453nm Half Bandwidth: 25.6nm
Dominant Wavelength: 584.5nm Color Purity: 0.284
Color Render Index: $R_a=94.2$, $CRI=93.1$
 $R1=96$ $R2=96$ $R3=98$ $R4=99$ $R5=96$ $R6=93$ $R7=95$ $R8=97$
 $R9=97$ $R10=94$ $R11=96$ $R12=79$ $R13=95$ $R14=99$ $R15=96$



Photometric Parameters

Luminous Flux: 2481.07 lm Efficiency: 102.27 lm/W Radiant Power: 6.685 W

Electric Parameters

Voltage: 24.00V Current: 1.0108A Power: 24.26W
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: $T_x:0.0^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2
Test Time: 2024-05-23 11:18:19
Inspector:

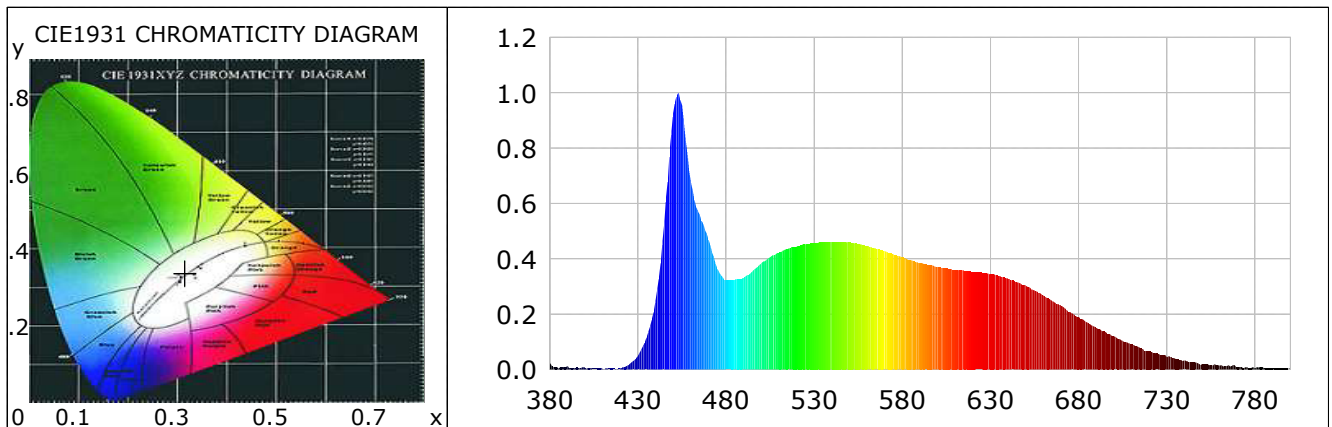
Lightsource Test Report

Product Information

Product Type: 300*300 Ceiling Light 24W 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: $T_c=6032K$ ($duv=0.00666$) 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: $R_a=92.5$, $CRI=90.3$
 $R1=94$ $R2=94$ $R3=89$ $R4=93$ $R5=90$ $R6=87$ $R7=97$ $R8=95$
 $R9=86$ $R10=82$ $R11=96$ $R12=55$ $R13=95$ $R14=94$ $R15=93$



Photometric Parameters

Luminous Flux: 1381.80 lm Efficiency: 114.01 lm/W Radiant Power: 4.560 W

Electric Parameters

Voltage: 24.00V Current: 0.5050A Power: 12.12W
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: $T_x:0.0^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2
Test Time: 2024-05-23 11:26:12
Inspector: