

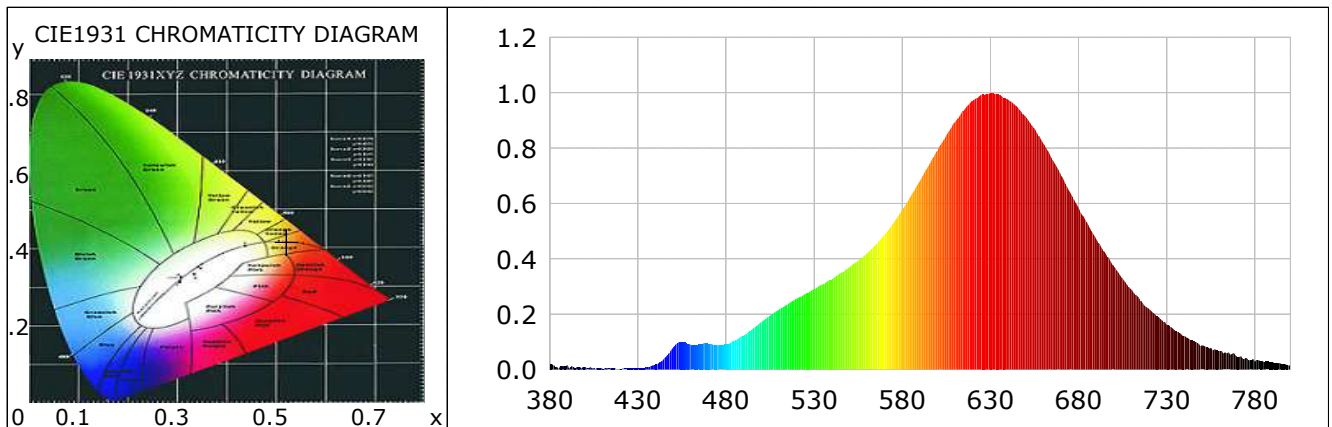
Lightsource Test Report

Product Information

Product Type: 400*400 Ceiling Light 40W 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: $T_c=2024K$ ($duv=0.00185$) 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: $R_a=92.2$, $CRI=91.3$
 $R1=93$ $R2=97$ $R3=98$ $R4=93$ $R5=94$ $R6=98$ $R7=88$ $R8=77$
 $R9=54$ $R10=94$ $R11=97$ $R12=93$ $R13=94$ $R14=99$ $R15=86$



Photometric Parameters

Luminous Flux: 1809.39 lm Efficiency: 89.93 lm/W Radiant Power: 8.365 W

Electric Parameters

Voltage: 24.00V Current: 0.8383A Power: 20.12W
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: 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 13:01:22
Inspector:

Lightsource Test Report

Product Information

Product Type: 400*400 Ceiling Light 40W

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: $T_c=3713K$ ($duv=-0.00709$)

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: $R_a=96.2$, $CRI=95.1$

$R1=96$

$R2=96$

$R3=98$

$R4=99$

$R5=96$

$R6=93$

$R7=95$

$R8=97$

$R9=97$

$R10=94$

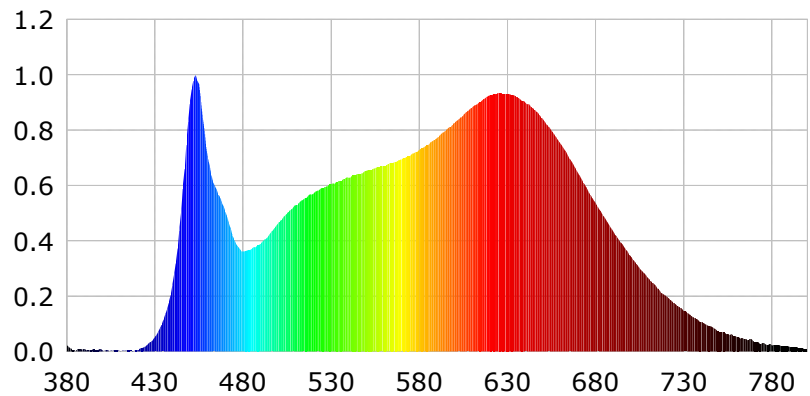
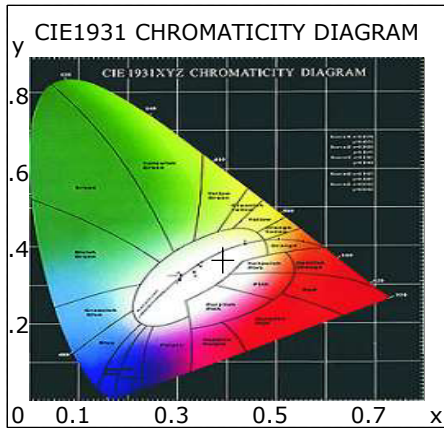
$R11=96$

$R12=79$

$R13=95$

$R14=99$

$R15=96$



Photometric Parameters

Luminous Flux: 4213.77 lm

Efficiency: 103.66 lm/

Radiant Power: 11.685 W

Electric Parameters

Voltage: 24.00V

Current: 1.6393A

Power: 40.65W

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 π

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 13:08:18

Inspector:

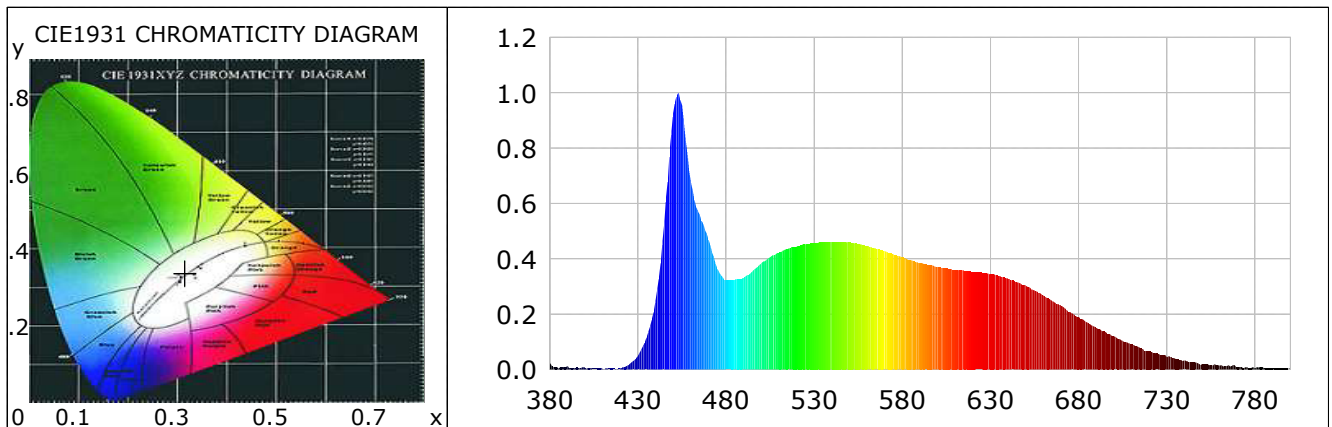
Lightsource Test Report

Product Information

Product Type: 400*400 Ceiling Light 40W 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: $T_c=6119K$ ($duv=0.00666$) 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: $R_a=92.5$, $CRI=89.3$
 $R1=94$ $R2=94$ $R3=89$ $R4=93$ $R5=90$ $R6=87$ $R7=97$ $R8=95$
 $R9=86$ $R10=82$ $R11=96$ $R12=55$ $R13=95$ $R14=94$ $R15=93$



Photometric Parameters

Luminous Flux: 2190.32 lm Efficiency: 109.08 lm/W Radiant Power: 9.570 W

Electric Parameters

Voltage: 24.00V Current: 0.8366A Power: 20.08W
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, 4 π
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 13:21:23
Inspector: