

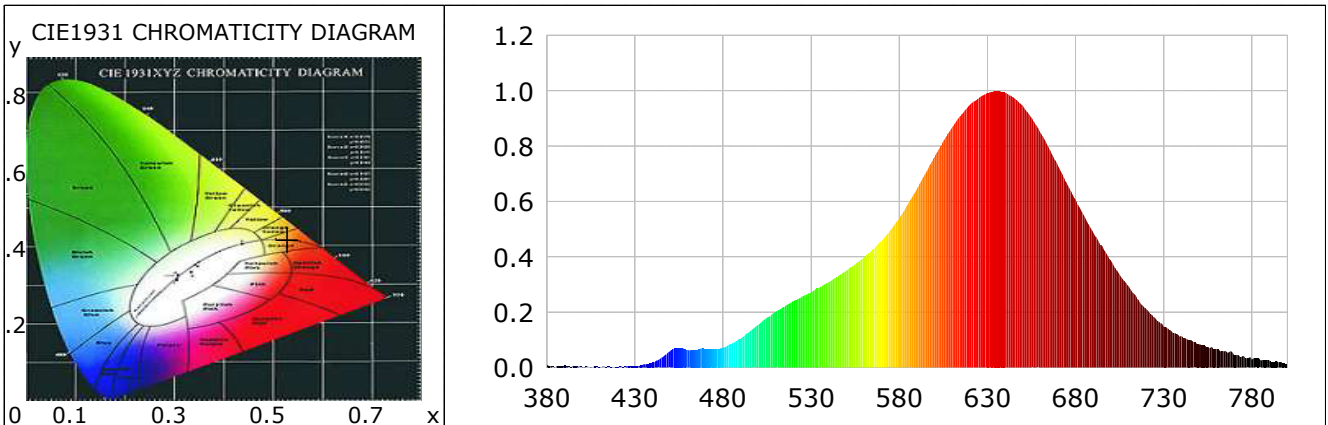
Lightsource Test Report

Product Information

Product Category: D100 IP54 LED Ceiling Light 15W 2000-6000K Product Number:
Manufacturer:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5292$ $y=0.4215$ $u(u')=0.3024$ $v=0.3613$ $v'=0.5420$
CCT: $T_c=2094K$ ($duv=0.00248$) Color Ratio: $R=0.341$ $G=0.646$ $B=0.013$
Peak Wavelength: 636nm Half Bandwidth: 113.6nm
Dominant Wavelength: 587.9nm Color Purity: 0.854
Color Render Index: $R_a=92.2$, $CRI=90.3$
 $R1=94$ $R2=97$ $R3=99$ $R4=95$ $R5=95$ $R6=98$ $R7=90$ $R8=79$
 $R9=58$ $R10=94$ $R11=98$ $R12=95$ $R13=95$ $R14=98$ $R15=87$



Photometric Parameters

Luminous Flux: 675.30 lm Efficiency: 88.16lm/W Radiant Power: 3.012 W

Electric Parameters

Voltage: 24.00V Current: 0.3191A Power: 7.66W
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: 44383 (5472) CCD Integration Time: 765.56 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: 2024-07-30 11:23:16
Inspector:

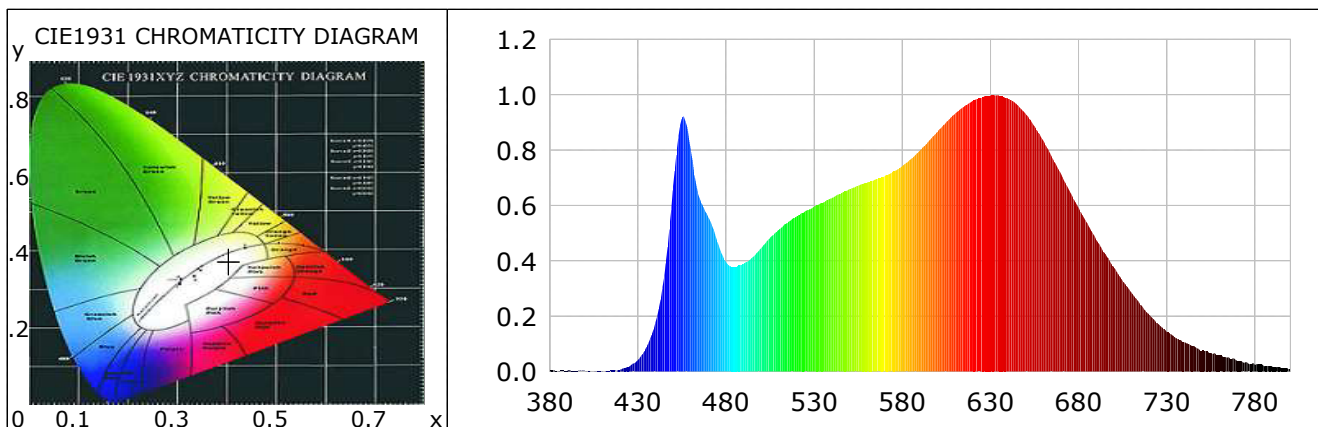
Lightsource Test Report

Product Information

Product Category: D100 IP54 LED Ceiling Light 15W 2000-6000K Product Number:
Manufacturer:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4033$ $y=0.3742$ $u(u')=0.2414$ $v=0.3359$ $v'=0.5039$
CCT: $T_c=3613K$ ($duv=-0.00698$) Color Ratio: $R=0.237$ $G=0.720$ $B=0.043$
Peak Wavelength: 631nm Half Bandwidth: 180.3nm
Dominant Wavelength: 584.8nm Color Purity: 0.334
Color Render Index: $R_a=96.2$, $CRI=95.1$
 $R1=95$ $R2=95$ $R3=97$ $R4=98$ $R5=95$ $R6=91$ $R7=94$ $R8=96$
 $R9=97$ $R10=91$ $R11=97$ $R12=78$ $R13=94$ $R14=99$ $R15=95$



Photometric Parameters

Luminous Flux: 1557.58 lm Efficiency: 103.22 lm/W Radiant Power: 6.485 W

Electric Parameters

Voltage: 24.00V Current: 0.6287A Power: 15.09W
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: 44347 (5213) CCD Integration Time: 503.09 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: 2024-07-30 11:25:18
Inspector:

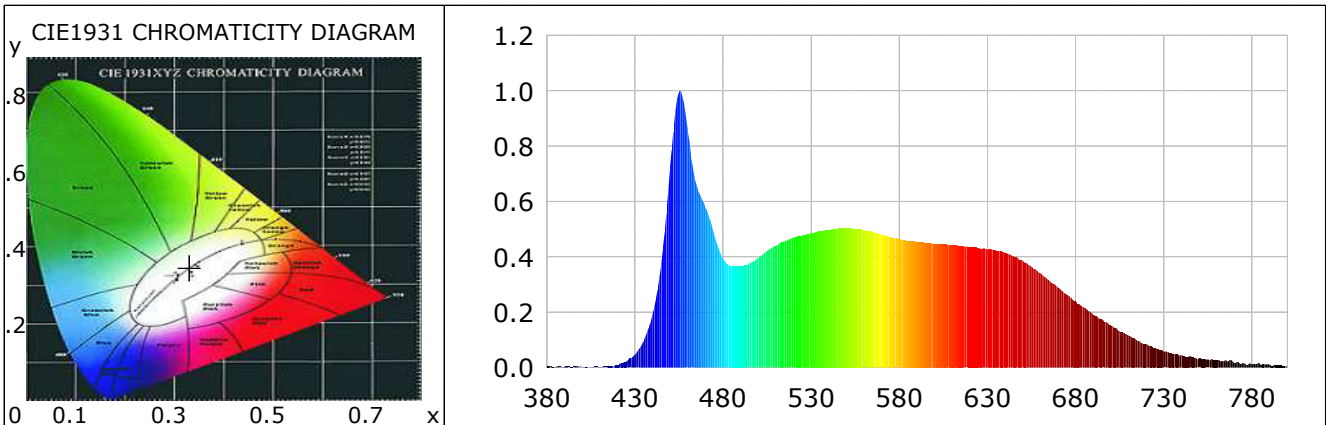
Lightsource Test Report

Product Information

Product Category: D100 IP54 LED Ceiling Light 15W 2000-6000K Product Number
Manufacturer:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3301$ $y=0.3472$ $u(u')=0.2030$ $v=0.3202$ $v'=0.4803$
CCT: $T_c=6002K$ ($duv=0.00415$) Color Ratio: $R=0.161$ $G=0.775$ $B=0.064$
Peak Wavelength: 456nm Half Bandwidth: 27.2nm
Dominant Wavelength: 541.2nm Color Purity: 0.034
Color Render Index: $R_a=92.5$, $CRI=90.9$
 $R1=95$ $R2=97$ $R3=92$ $R4=90$ $R5=91$ $R6=91$ $R7=94$ $R8=93$
 $R9=94$ $R10=89$ $R11=93$ $R12=58$ $R13=98$ $R14=95$ $R15=93$



Photometric Parameters

Luminous Flux: 892.45 lm Efficiency: 118.05 lm/W Radiant Power: 3.231 W

Electric Parameters

Voltage: 24.00V Current: 0.3150A Power: 7.56W
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: 43027 (5256) CCD Integration Time: 503.09 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: 2024-07-30 11:28:22
Inspector: