

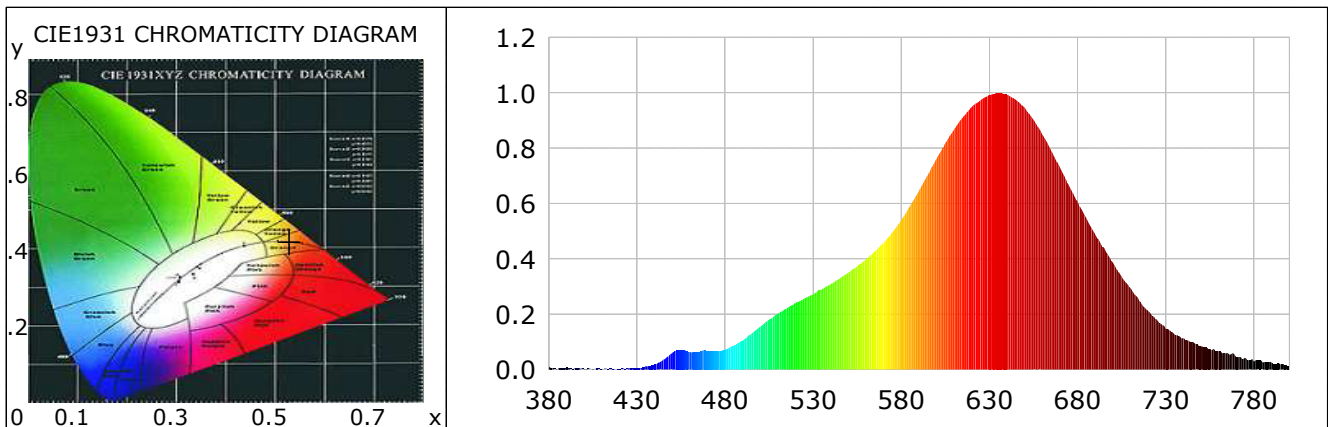
Lightsource Test Report

Product Information

Product Category: D170 IP54 LED Ceiling Light 24W 2000-6000K Product Number: 1019 Manufacturer:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5292$ $y=0.4215$ $u(u')=0.3024$ $v=0.3613$ $v'=0.5420$
CCT: $T_c=2030K$ ($duv=0.00248$) 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: $R_a=93.3$, $CRI=91.4$
 $R1=94$ $R2=97$ $R3=99$ $R4=95$ $R5=95$ $R6=98$ $R7=90$ $R8=79$
 $R9=58$ $R10=94$ $R11=98$ $R12=95$ $R13=95$ $R14=98$ $R15=87$



Photometric Parameters

Luminous Flux: 1049.83 lm Efficiency: 83.92 lm/W Radiant Power: 3.654 W

Electric Parameters

Voltage: 24.00V Current: 0.5210A Power: 12.51W
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 11:14:46
Inspector:

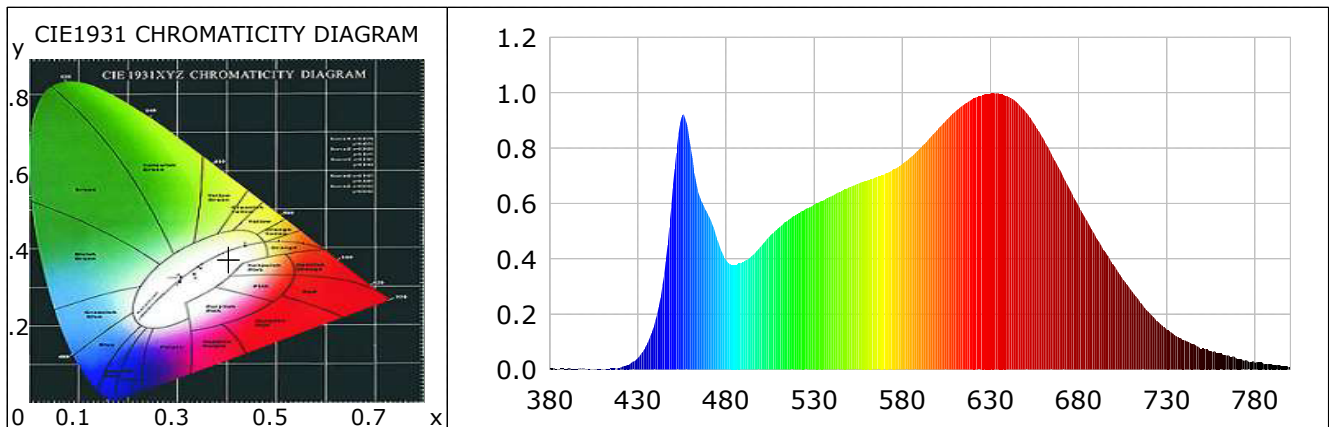
Lightsource Test Report

Product Information

Product Category: D170 IP54 LED Ceiling Light 24W 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: $T_c=3402K$ ($duv=-0.00698$) 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: Ra= 95.1, CRI= 94.1
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: 2432.72 lm Efficiency: 102.69 lm/W Radiant Power: 7.403 W

Electric Parameters

Voltage: 24.00V Current: 0.9870A Power: 23.69W
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: 44347 (5213) CCD Integration Time: 503.09 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2
Test Time: 2024-07-30 11:15:11
Inspector:

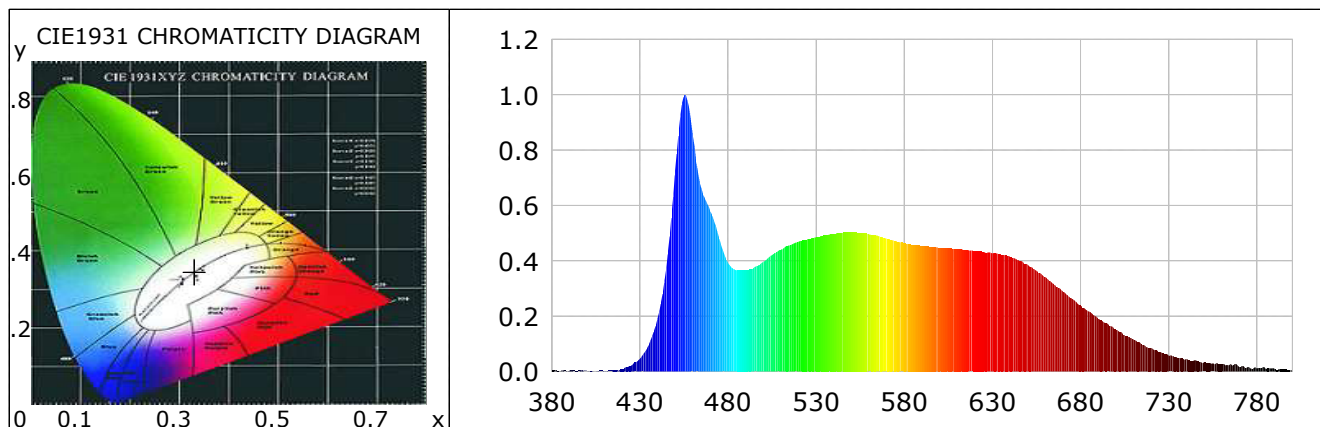
Lightsource Test Report

Product Information

Product Category: D170 IP54 LED Ceiling Light 24W 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: $T_c=5602K$ ($duv=0.00415$) 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: $R_a=92.8$, $CRI=90.9$
 $R1=95$ $R2=97$ $R3=92$ $R4=90$ $R5=91$ $R6=91$ $R7=94$ $R8=93$
 $R9=94$ $R10=89$ $R11=93$ $R12=58$ $R13=98$ $R14=95$ $R15=93$



Photometric Parameters

Luminous Flux: 1485.39 lm Efficiency: 116.96 lm/W Radiant Power: 4.223 W

Electric Parameters

Voltage: 24.00V Current: 0.5290A Power: 12.70W
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: 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 11:16:08
Inspector: