Lightsource Test Report

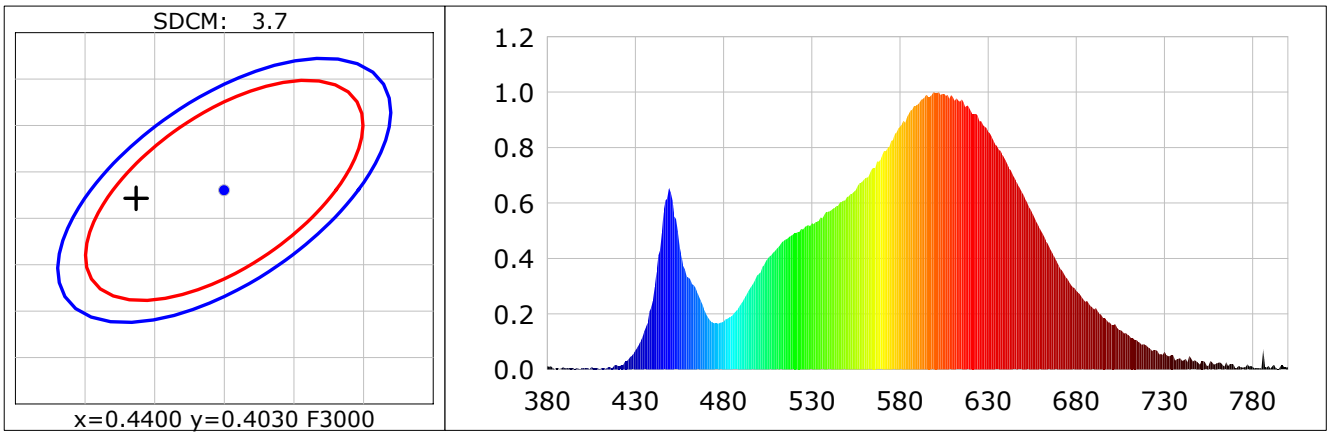
Product Information

Product Category: ILSOA001 22W 3K Product Number: 11

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4337 y=0.4021 u(u')=0.2493 v=0.3468 v'=0.5201
CCT: Tc=3040K (duv=-0.00032) Color Ratio: R=0.228 G=0.747 B=0.025
Peak Wavelength: 599.3nm Half Bandwidth: 136.7nm
Dominant Wavelength: 582.8nm Color Purity: 0.509
Color Render Index: Ra= 84.2, avgR(1~14)= 79.1, avgR(1~15)= 78.9

R1 =83	R2 =91	R3 =97	R4 =83	R5 =83	R6 =90	R7 =84	R8 =63
R9 =15	R10=80	R11=84	R12=73	R13=85	R14=99	R15=76	



Photometric Parameters

Luminous Flux: 2197.67 lm Efficiency: 97.98 lm/W Radiant Power: 6.732 W

Electric Parameters

Voltage: 230.30V Current: 0.1050A Power: 22.43W
Power Factor: 0.9300 Frequency: 49.99Hz

Test Information
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 1.75m, 4∏
Max of Signal: 42830 (5554) CCD Integration Time: 3925.57 ms

Condition: Tx:27.8'C, Ti:26.3'C, R.H.:60% Test Device: Inventfine CMS-2S (Plus)
Test Lab: Test Time: 2023-06-24 09:06:49
Operator: Inspector:

Lightsource Test Report

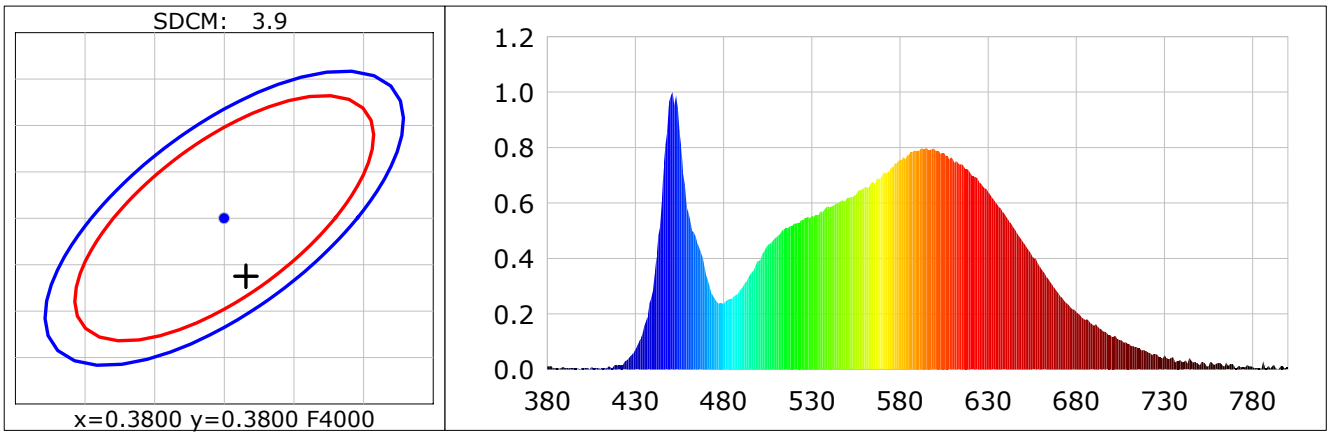
Product Information

Product Category: ILSOA001 22W 4K Product Number: 12

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3816 y=0.3737 u(u')=0.2271 v=0.3336 v'=0.5004
CCT: Tc=3947K (duv=-0.00174) Color Ratio: R=0.190 G=0.772 B=0.038
Peak Wavelength: 450.7nm Half Bandwidth: 18.6nm
Dominant Wavelength: 580.3nm Color Purity: 0.267
Color Render Index: Ra= 86.2, avgR(1~14)= 80.9, avgR(1~15)= 80.8

R1 =85	R2 =92	R3 =96	R4 =85	R5 =86	R6 =89	R7 =87	R8 =70
R9 =24	R10=81	R11=85	R12=66	R13=87	R14=98	R15=80	



Photometric Parameters

Luminous Flux: 2460.14 lm Efficiency: 113.06 lm/W Radiant Power: 7.673 W

Electric Parameters

Voltage: 230.30V Current: 0.1020A Power: 21.76W
Power Factor: 0.9260 Frequency: 49.99Hz

Test Information
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 1.75m, 4∏
Max of Signal: 48383 (5939) CCD Integration Time: 3925.57 ms

Condition: Tx:27.9'C, Ti:26.3'C, R.H.:60% Test Device: Inventfine CMS-2S (Plus)
Test Lab: Test Time: 2023-06-24 09:09:37
Operator: Inspector:

Lightsource Test Report

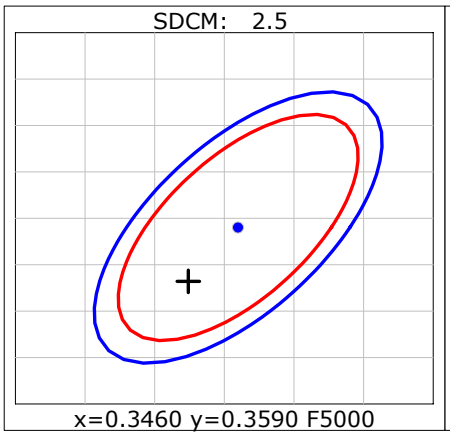
Product Information

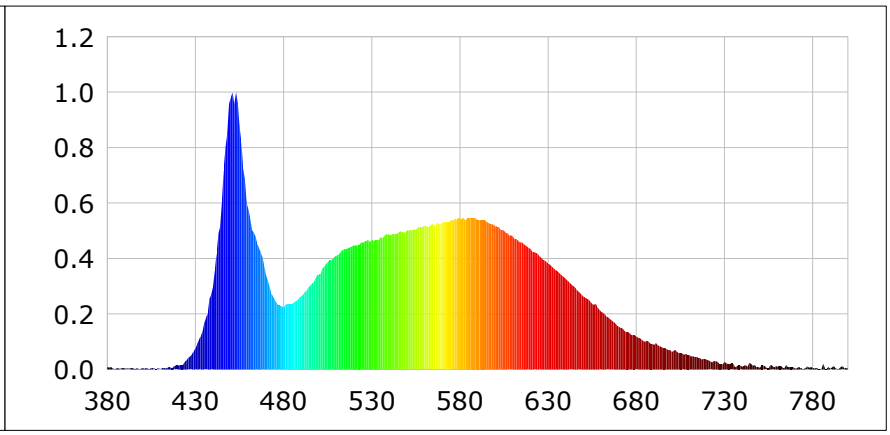
Product Category: ILSOA001 22W 5K Product Number: 13

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3424 y=0.3532 u(u')=0.2090 v=0.3234 v'=0.4850
CCT: Tc=5108K (duv=0.00188) Color Ratio: R=0.156 G=0.796 B=0.048
Peak Wavelength: 453.0nm Half Bandwidth: 19.0nm
Dominant Wavelength: 569.1nm Color Purity: 0.087
Color Render Index: Ra= 86.0, avgR(1~14)= 79.0, avgR(1~15)= 79.2

R1 =85	R2 =87	R3 =87	R4 =91	R5 =85	R6 =81	R7 =93	R8 =79
R9 =29	R10=68	R11=90	R12=52	R13=85	R14=92	R15=83	





Photometric Parameters

Luminous Flux: 2208.59 lm Efficiency: 99.17 lm/W Radiant Power: 6.930 W

Electric Parameters

Voltage: 230.50V Current: 0.1040A Power: 22.27W
Power Factor: 0.9290 Frequency: 49.99Hz

Test Information
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 1.75m, 4∏
Max of Signal: 46259 (5603) CCD Integration Time: 2831.52 ms

Condition: Tx:27.8'C, Ti:26.2'C, R.H.:60% Test Device: Inventfine CMS-2S (Plus)
Test Lab: Test Time: 2023-06-24 09:10:32
Operator: Inspector:

Lightsource Test Report

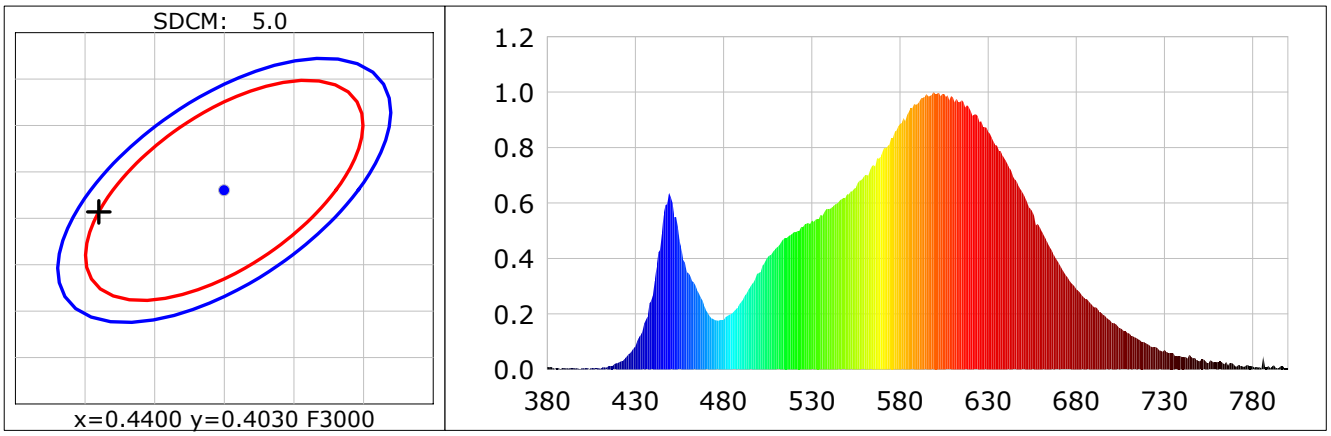
Product Information

Product Category: ILSOA001 38W 3K Product Number: 14

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4310 y=0.4007 u(u')=0.2482 v=0.3461 v'=0.5192
CCT: Tc=3075K (duv=-0.00052) Color Ratio: R=0.226 G=0.748 B=0.026
Peak Wavelength: 599.1nm Half Bandwidth: 138.3nm
Dominant Wavelength: 582.7nm Color Purity: 0.496
Color Render Index: Ra= 84.2, avgR(1~14)= 79.1, avgR(1~15)= 78.9

R1 =83	R2 =91	R3 =97	R4 =83	R5 =83	R6 =90	R7 =84	R8 =63
R9 =15	R10=80	R11=83	R12=73	R13=84	R14=99	R15=76	



Photometric Parameters

Luminous Flux: 3872.83 lm Efficiency: 96.53 lm/W Radiant Power: 11.944 W

Electric Parameters

Voltage: 230.30V Current: 0.1800A Power: 40.12W
Power Factor: 0.9650 Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 1.75m, 4∏
Max of Signal: 50189 (5748) CCD Integration Time: 2831.52 ms

Condition: Tx:27.8'C, Ti:26.3'C, R.H.:60% Test Device: Inventfine CMS-2S (Plus)
Test Lab: Test Time: 2023-06-24 09:11:30
Operator: Inspector:

Lightsource Test Report

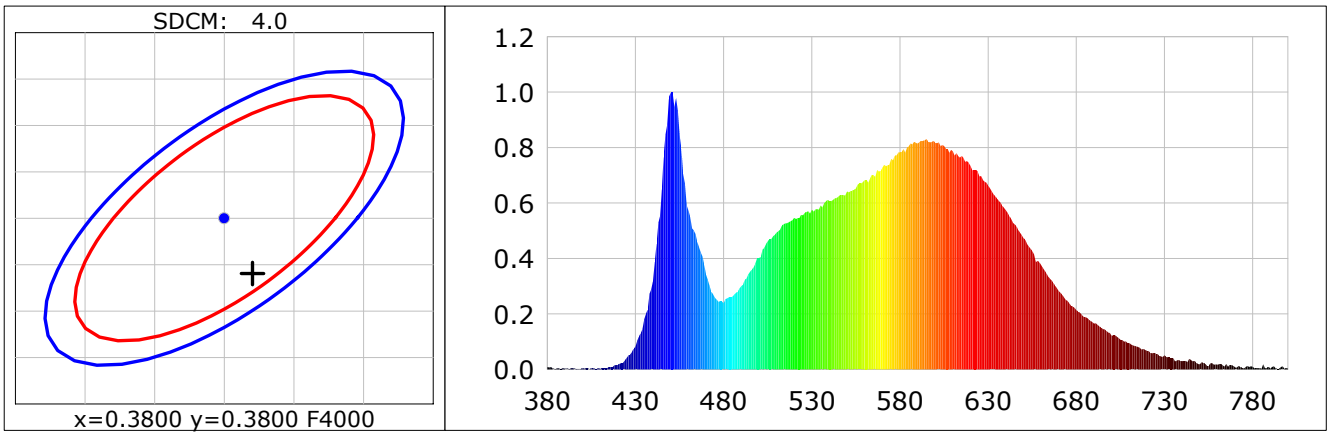
Product Information

Product Category: ILSOA001 38W 4K Product Number: 15

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3820 y=0.3740 u(u')=0.2272 v=0.3337 v'=0.5006
CCT: Tc=3937K (duv=-0.00173) Color Ratio: R=0.190 G=0.772 B=0.038
Peak Wavelength: 450.5nm Half Bandwidth: 20.6nm
Dominant Wavelength: 580.3nm Color Purity: 0.269
Color Render Index: Ra= 86.1, avgR(1~14)= 80.7, avgR(1~15)= 80.6

R1 =85	R2 =92	R3 =96	R4 =85	R5 =85	R6 =89	R7 =87	R8 =69
R9 =24	R10=81	R11=85	R12=66	R13=87	R14=98	R15=80	



Photometric Parameters

Luminous Flux: 4185.48 lm Efficiency: 108.46 lm/W Radiant Power: 13.041 W

Electric Parameters

Voltage: 230.10V Current: 0.1740A Power: 38.59W
Power Factor: 0.9640 Frequency: 49.99Hz

Test Information
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 1.75m, 4∏
Max of Signal: 48788 (5634) CCD Integration Time: 2406.79 ms

Condition: Tx:27.8'C, Ti:26.3'C, R.H.:60% Test Device: Inventfine CMS-2S (Plus)
Test Lab: Test Time: 2023-06-24 09:12:09
Operator: Inspector:

Lightsource Test Report

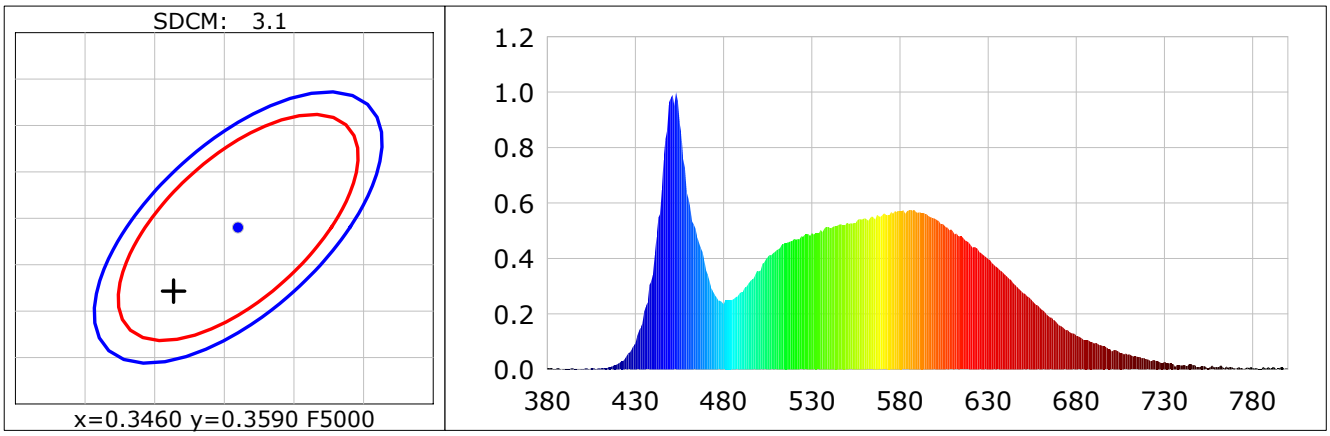
Product Information

Product Category: ILSOA001 38W 5K Product Number: 16

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3414 y=0.3521 u(u')=0.2087 v=0.3229 v'=0.4844
CCT: Tc=5148K (duv=0.00179) Color Ratio: R=0.155 G=0.797 B=0.048
Peak Wavelength: 453.1nm Half Bandwidth: 22.0nm
Dominant Wavelength: 568.4nm Color Purity: 0.081
Color Render Index: Ra= 85.9, avgR(1~14)= 78.8, avgR(1~15)= 79.1

R1 =85	R2 =87	R3 =87	R4 =91	R5 =85	R6 =80	R7 =93	R8 =79
R9 =29	R10=67	R11=90	R12=53	R13=85	R14=92	R15=83	



Photometric Parameters

Luminous Flux: 3960.12 lm Efficiency: 99.13 lm/W Radiant Power: 12.443 W

Electric Parameters

Voltage: 230.40V Current: 0.1800A Power: 39.95W
Power Factor: 0.9650 Frequency: 50.00Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 1.75m, 4∏
Max of Signal: 51944 (5458) CCD Integration Time: 2045.77 ms

Condition: Tx:27.8'C, Ti:26.3'C, R.H.:60% Test Device: Inventfine CMS-2S (Plus)
Test Lab: Test Time: 2023-06-24 09:13:05
Operator: Inspector: