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Lightsource Test Report

Product Infomation

Product Type: E01018 WH 01 Product Spec: 4000K
Product Number: 1

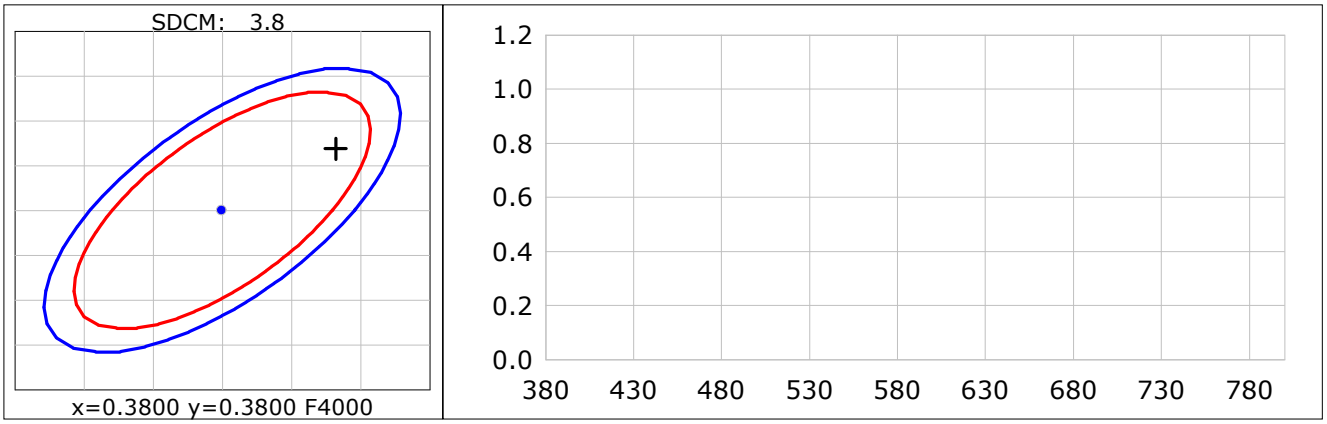
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3882 y=0.3869 u(u')=0.2261 v=0.3381 v'=0.5071
CCT: Tc=3872K (duv=0.00249) Color Ratio: R=0.185 G=0.780 B=0.035
Peak Wavelength: 596.1nm Half Bandwidth: 147.5nm
Dominant Wavelength: 578.4nm Color Purity: 0.326
CRI: Ra= 82.4 TM30: Rf= 82, Rg= 95

R1 =80	R2 =89	R3 =96	R4 =81	R5 =81	R6 =85	R7 =85	R8 =63
R9 =4	R10=74	R11=80	R12=62	R13=82	R14=98	R15=73	

Color Quality Scale: Qa= 82.9, Qf= 83.4, Qp= 81.9, Qg= 91.3

Q1 =81	Q2 =98	Q3 =81	Q4 =78	Q5 =82	Q6 =83	Q7 =85	Q8 =89
Q9 =98	Q10=90	Q11=87	Q12=85	Q13=84	Q14=72	Q15=75	



Photometric Parameters

Luminous Flux: 1794.70 lm Efficiency: 95.97 lm/W Radiant Power: 5.331 W
EEI: 0.14 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 231.00V Current: 0.1610A Power: 18.70W
Power Factor: 0.5020 Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 44659 (4728)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 941.45 ms

Condition: , R.H.:60%
Test Lab: RUNWIN
Operator: Zhong ql
Test Device: Inventfine CMS-2S
Test Time: 2020-09-25 12:45:13
Inspector: Zhong ql

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Lightsource Test Report

Product Infomation

Product Type: E01018 WH 02 Product Spec: 4000K
Product Number: 2

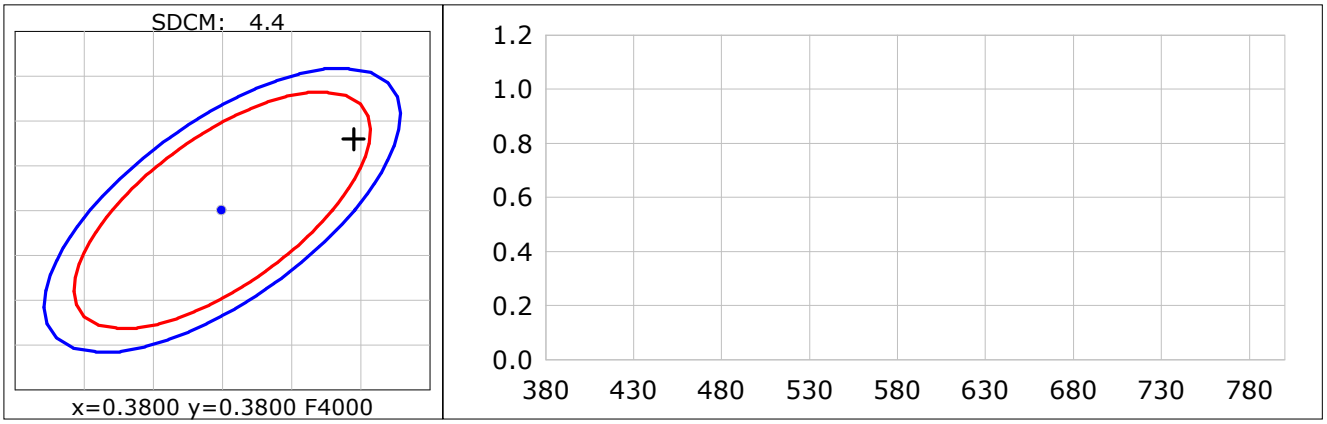
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3895 y=0.3880 u(u')=0.2266 v=0.3385 v'=0.5078
CCT: Tc=3848K (duv=0.00262) Color Ratio: R=0.186 G=0.780 B=0.034
Peak Wavelength: 596.0nm Half Bandwidth: 147.2nm
Dominant Wavelength: 578.4nm Color Purity: 0.333
CRI: Ra= 82.2 TM30: Rf= 82, Rg= 95

R1 =80	R2 =89	R3 =96	R4 =81	R5 =80	R6 =85	R7 =85	R8 =62
R9 =3	R10=73	R11=80	R12=62	R13=82	R14=98	R15=73	

Color Quality Scale: Qa= 82.8, Qf= 83.3, Qp= 81.7, Qg= 91.3

Q1 =81	Q2 =98	Q3 =81	Q4 =78	Q5 =82	Q6 =83	Q7 =85	Q8 =89
Q9 =98	Q10=90	Q11=87	Q12=85	Q13=84	Q14=71	Q15=75	



Photometric Parameters

Luminous Flux: 1794.10 lm Efficiency: 95.43 lm/W Radiant Power: 5.319 W
EEI: 0.14 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.90V Current: 0.1600A Power: 18.80W
Power Factor: 0.5060 Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 44715 (5015)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 941.45 ms

Condition: , R.H.:60% Test Device: Inventfine CMS-2S
Test Lab: Test Time: 2020-09-25 12:48:52
Operator: Inspector:

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Lightsource Test Report

Product Infomation

Product Type: E01018 WH 03 Product Spec: 4000K
Product Number: 3

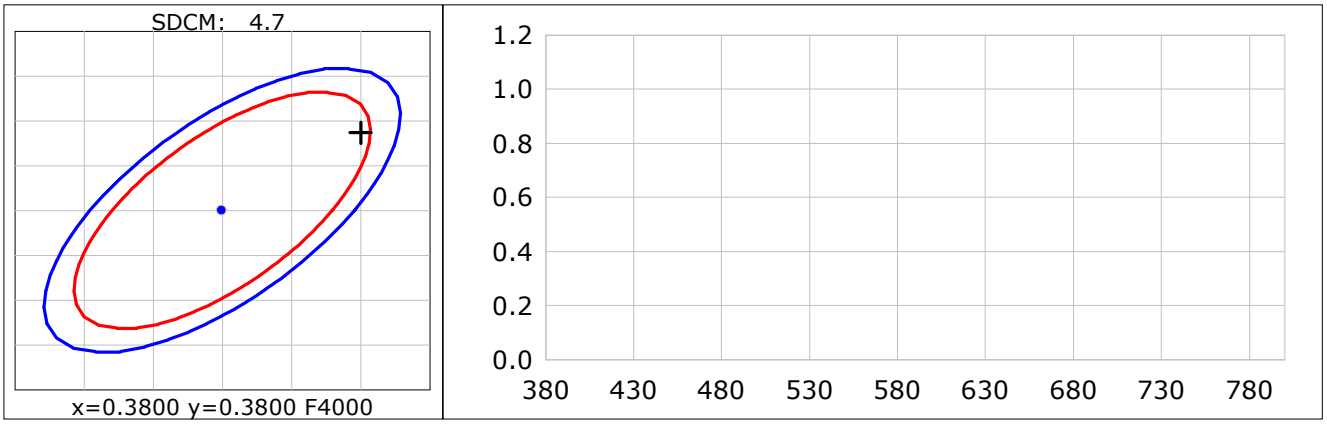
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3900 y=0.3887 u(u')=0.2266 v=0.3388 v'=0.5081
CCT: Tc=3841K (duv=0.00280) Color Ratio: R=0.186 G=0.780 B=0.034
Peak Wavelength: 596.5nm Half Bandwidth: 147.3nm
Dominant Wavelength: 578.4nm Color Purity: 0.337
CRI: Ra= 82.2 TM30: Rf= 82, Rg= 95

R1 =80	R2 =88	R3 =96	R4 =81	R5 =80	R6 =85	R7 =85	R8 =62
R9 =3	R10=73	R11=80	R12=62	R13=82	R14=98	R15=73	

Color Quality Scale: Qa= 82.9, Qf= 83.4, Qp= 81.8, Qg= 91.3

Q1 =81	Q2 =98	Q3 =81	Q4 =78	Q5 =82	Q6 =83	Q7 =85	Q8 =89
Q9 =98	Q10=90	Q11=87	Q12=85	Q13=84	Q14=71	Q15=75	



Photometric Parameters

Luminous Flux: 1843.60 lm Efficiency: 97.03 lm/W Radiant Power: 5.464 W
EEI: 0.14 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.90V Current: 0.1630A Power: 19.00W
Power Factor: 0.5030 Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 45939 (4979)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 941.45 ms

Condition: , R.H.:60%
Test Lab:
Operator:
Test Device: Inventfine CMS-2S
Test Time: 2020-09-25 13:00:48
Inspector:

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Lightsource Test Report

Product Infomation

Product Type: E01018 BL 01 Product Spec: 4000K
Product Number: 4

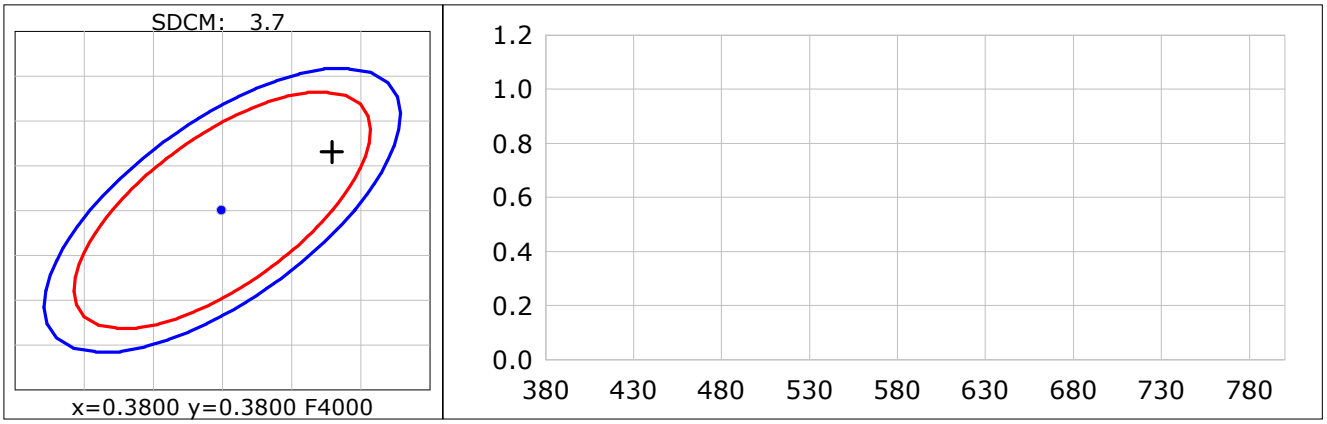
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3880 y=0.3865 u(u')=0.2261 v=0.3380 v'=0.5069
CCT: Tc=3876K (duv=0.00239) Color Ratio: R=0.185 G=0.780 B=0.035
Peak Wavelength: 596.0nm Half Bandwidth: 147.2nm
Dominant Wavelength: 578.4nm Color Purity: 0.325
CRI: Ra= 82.3 TM30: Rf= 82, Rg= 95

R1 =80	R2 =89	R3 =96	R4 =81	R5 =80	R6 =85	R7 =85	R8 =62
R9 =4	R10=74	R11=80	R12=62	R13=82	R14=98	R15=73	

Color Quality Scale: Qa= 82.8, Qf= 83.3, Qp= 81.7, Qg= 91.3

Q1 =81	Q2 =98	Q3 =81	Q4 =78	Q5 =82	Q6 =83	Q7 =85	Q8 =89
Q9 =98	Q10=90	Q11=87	Q12=85	Q13=84	Q14=71	Q15=75	



Photometric Parameters

Luminous Flux: 1727.27 lm Efficiency: 92.37 lm/W Radiant Power: 5.138 W
EEI: 0.15 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 230.80V Current: 0.1610A Power: 18.70W
Power Factor: 0.5020 Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 43063 (5017)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 941.45 ms

Condition: , R.H.:60%
Test Lab:
Operator:
Test Device: Inventfine CMS-2S
Test Time: 2020-09-25 13:18:59
Inspector:

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Lightsource Test Report

Product Infomation

Product Type: E01018 BL 02 Product Spec: 4000K
Product Number: 5

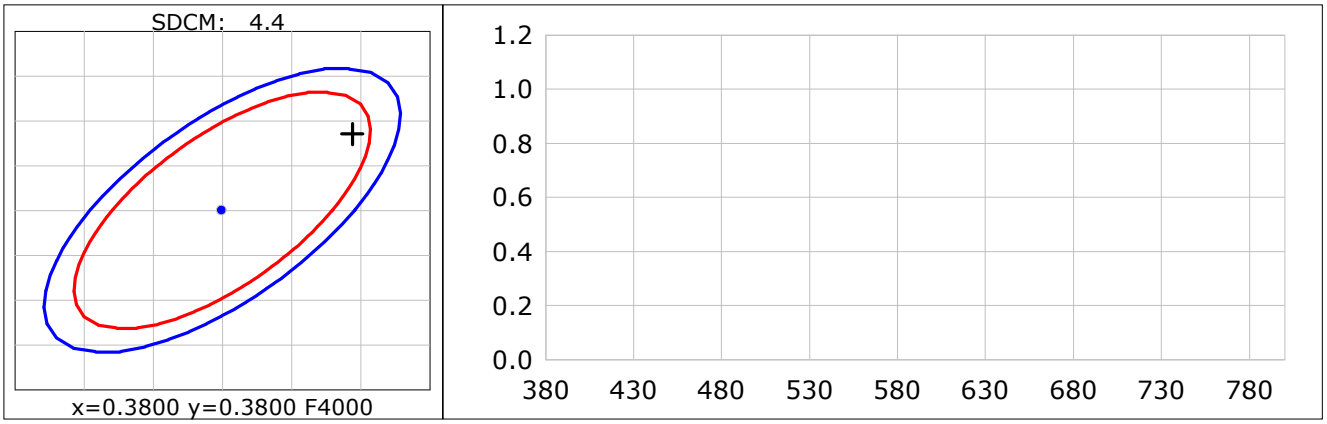
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3894 y=0.3885 u(u')=0.2263 v=0.3387 v'=0.5080
CCT: Tc=3854K (duv=0.00289) Color Ratio: R=0.185 G=0.781 B=0.034
Peak Wavelength: 594.2nm Half Bandwidth: 147.2nm
Dominant Wavelength: 578.3nm Color Purity: 0.335
CRI: Ra= 82.1 TM30: Rf= 82, Rg= 95

R1 =80	R2 =88	R3 =95	R4 =81	R5 =80	R6 =85	R7 =85	R8 =62
R9 =3	R10=73	R11=80	R12=61	R13=82	R14=98	R15=73	

Color Quality Scale: Qa= 82.8, Qf= 83.3, Qp= 81.7, Qg= 91.2

Q1 =81	Q2 =98	Q3 =81	Q4 =78	Q5 =82	Q6 =83	Q7 =85	Q8 =89
Q9 =98	Q10=90	Q11=87	Q12=85	Q13=84	Q14=71	Q15=75	



Photometric Parameters

Luminous Flux: 1802.37 lm Efficiency: 95.36 lm/W Radiant Power: 5.340 W
EEI: 0.14 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 231.00V Current: 0.1610A Power: 18.90W
Power Factor: 0.5060 Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 44854 (5055)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 941.45 ms

Condition: , R.H.:60%
Test Lab:
Operator:
Test Device: Inventfine CMS-2S
Test Time: 2020-09-25 13:25:21
Inspector:

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Lightsource Test Report

Product Infomation

Product Type: E01018 BL 03 Product Spec: 4000K
Product Number: 6

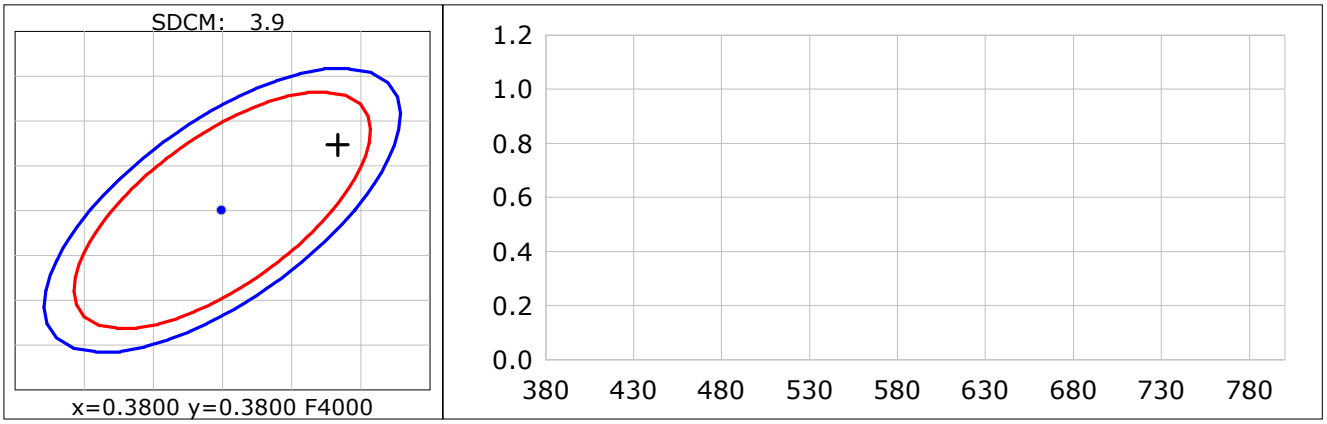
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3884 y=0.3873 u(u')=0.2261 v=0.3382 v'=0.5073
CCT: Tc=3872K (duv=0.00265) Color Ratio: R=0.185 G=0.781 B=0.034
Peak Wavelength: 596.0nm Half Bandwidth: 147.4nm
Dominant Wavelength: 578.3nm Color Purity: 0.328
CRI: Ra= 82.3 TM30: Rf= 82, Rg= 95

R1 =80	R2 =89	R3 =95	R4 =81	R5 =80	R6 =85	R7 =85	R8 =62
R9 =4	R10=73	R11=80	R12=62	R13=82	R14=98	R15=73	

Color Quality Scale: Qa= 82.9, Qf= 83.3, Qp= 81.9, Qg= 91.4

Q1 =81	Q2 =98	Q3 =81	Q4 =78	Q5 =82	Q6 =83	Q7 =85	Q8 =89
Q9 =98	Q10=90	Q11=87	Q12=85	Q13=84	Q14=71	Q15=75	



Photometric Parameters

Luminous Flux: 1782.02 lm Efficiency: 92.33 lm/W Radiant Power: 5.290 W
EEI: 0.15 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 231.00V Current: 0.1650A Power: 19.30W
Power Factor: 0.5060 Frequency: 50.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 44372 (5026)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 941.45 ms

Condition: , R.H.:60%
Test Lab:
Operator:
Test Device: Inventfine CMS-2S
Test Time: 2020-09-25 13:28:15
Inspector: