



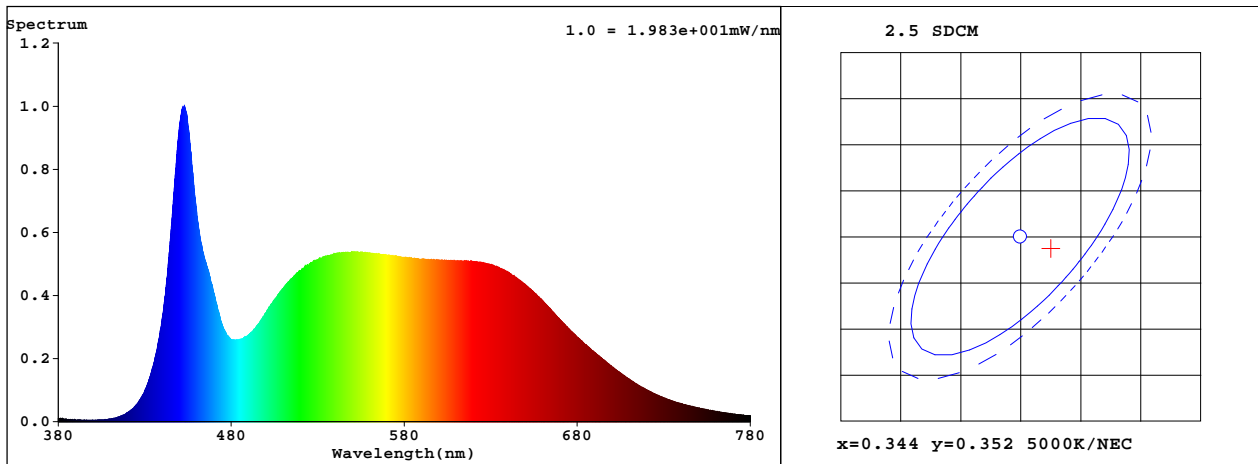
Spectrum Test Report

| | | |
|------------------------------------|---------------|---------------------|
| Sample : | Date : | 2020-04-17 16:04:27 |
| Specification : | Sam. Status : | |
| Sample No. : 4IN Baffle 5CCT 5000K | Instrument : | HaasSuite(EVERFINE) |
| Manufacturer : Westgate MFG Inc | Test by : | |
| | Assessor : | damin |

Test Condition

| | | |
|------------------------|---------------|-------------|
| Temperature : 25.9Deg | RH : | 65.0% |
| WL Range : 380nm-780nm | IP : | 52211 (80%) |
| Test Mode : Fast Test | T : | 1060 ms |
| | Sensitivity : | Low |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3466$ $y = 0.3507$ / $u' = 0.2128$ $v' = 0.4845$ ($duv = -1.04e-03$)

CCT= 4942K Prcp WL: Ld=574.7nm Purity=9.2%

Peak WL: Lp=453nm FWHM: =21.9nm Ratio:R=17.4% G=77.8% B=4.9%

Render Index: Ra = 92.3 CRI = 88.4 AvgR = 88.7

R1 =93 R2 =94 R3 =92 R4 =92 R5 =91 R6 =89 R7 =96

R8 =91 R9 =74 R10=84 R11=91 R12=62 R13=94 R14=95 R15=93

WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 712.98 lm Eff. : 79.65 lm/W Fe = 2.4970 W

Flux of emitted photons(umol/s):11.771 Flu. and blue light ratio:3.763 Fluorescent eff.:212.6

Electrical parameters

V = 120.0 V I = 0.07738 A P = 8.952 W PF = 0.9643 F=59.98 Hz

EVERFINE

<http://www.everfine.cn>



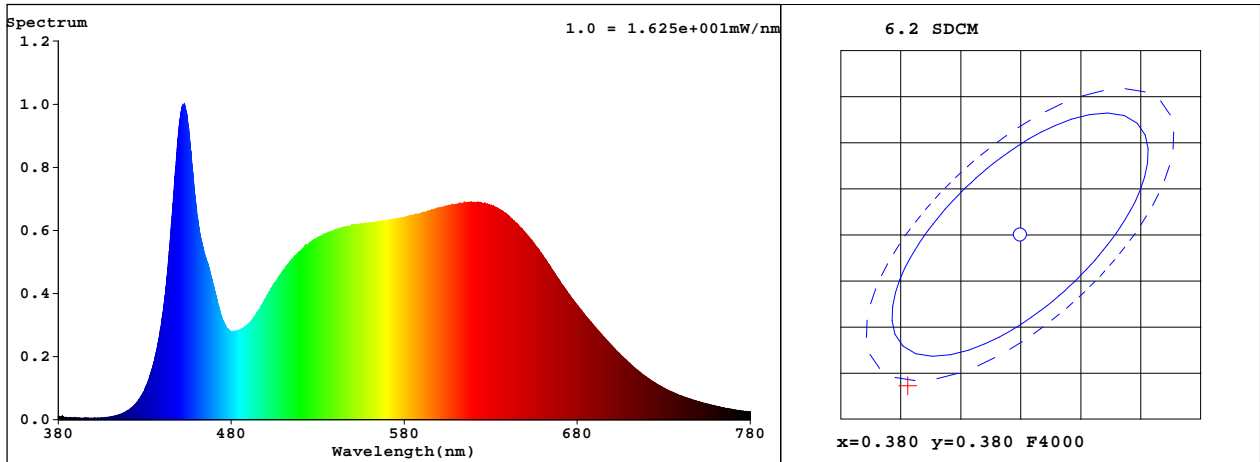
Spectrum Test Report

Sample : Date : 2020-04-17 16:05:06
Specification : Sam. Status :
Sample No. : 4IN Baffle 5CCT 4000K Instrument : HaasSuite(EVERFINE)
Manufacturer : Test by :
Assessor : damin

Test Condition

Temperature : 25.9Deg RH : 65.0%
WL Range : 380nm-780nm IP : 57330 (87%)
Test Mode : Fast Test T : 1060 ms
Sensitivity : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3706$ $y = 0.3636$ / $u' = 0.2238$ $v' = 0.4942$ ($duv = -3.28e-03$)

CCT= 4188K Prcp WL: Ld=580.6nm Purity=20.3%

Peak WL: Lp=453nm FWHM: =22.4nm Ratio:R=19.6% G=76.2% B=4.3%

Render Index: Ra = 94.1 CRI = 91.0 AvgR = 91.2

R1 =95 R2 =96 R3 =94 R4 =94 R5 =94 R6 =92 R7 =96

R8 =91 R9 =78 R10=89 R11=93 R12=69 R13=96 R14=96 R15=95

WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 702.80 lm Eff. : 78.40 lm/W Fe = 2.4635 W

Flux of emitted photons(umol/s):11.788 Flu. and blue light ratio:4.765 Fluorescent eff.:219.1

Electrical parameters

V = 120.0 V I = 0.07748 A P = 8.964 W PF = 0.9643 F=59.98 Hz

EVERFINE

<http://www.everfine.cn>



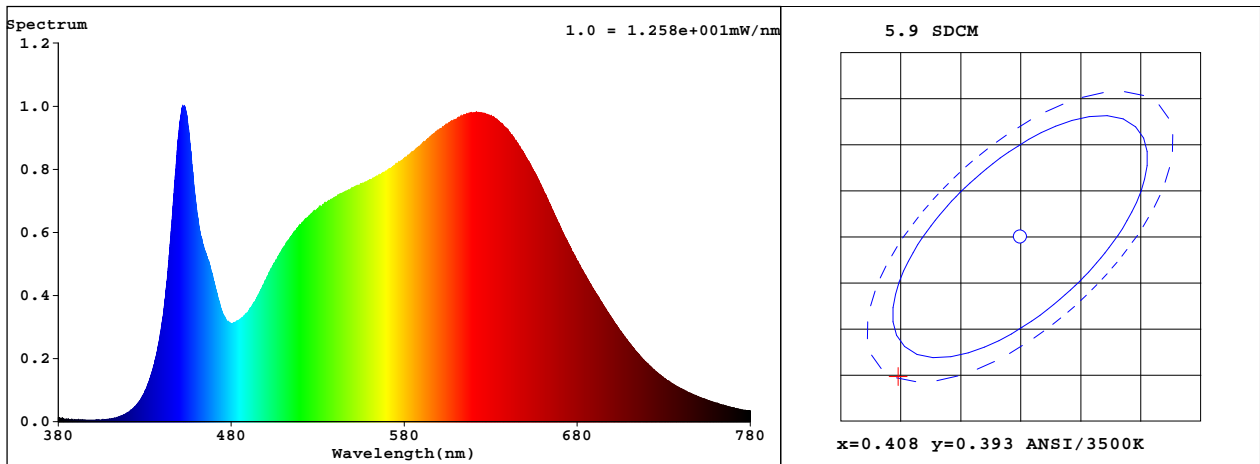
Spectrum Test Report

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|------------------------------------|---------------|---------------------|
| Sample : | Date : | 2020-04-17 16:05:51 |
| Specification : | Sam. Status : | |
| Sample No. : 4IN Baffle 5CCT 3500K | Instrument : | HaasSuite(EVERFINE) |
| Manufacturer : | Test by : | |
| | Assessor : | damin |

Test Condition

| | | | |
|---------------|-------------|---------------|-------------|
| Temperature : | 25.9Deg | RH : | 65.0% |
| WL Range : | 380nm-780nm | IP : | 52536 (80%) |
| Test Mode : | Fast Test | T : | 887 ms |
| | | Sensitivity : | Low |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3976$ $y = 0.3778$ / $u' = 0.2360$ $v' = 0.5046$ ($duv = -4.03e-03$)

CCT= 3569K Prcp WL: Ld=582.6nm Purity=32.7%

Peak WL: Lp=452nm FWHM: =23.5nm Ratio:R=21.8% G=74.5% B=3.7%

Render Index: Ra = 94.8 CRI = 92.2 AvgR = 92.4

R1 =96 R2 =97 R3 =96 R4 =95 R5 =95 R6 =94 R7 =94

R8 =89 R9 =76 R10=92 R11=95 R12=76 R13=97 R14=97 R15=95

WHITE:ANSI_3500K

Photometric & Radiometric Parameters

Flux = 689.86 lm Eff. : 76.96 lm/W Fe = 2.4212 W

Flux of emitted photons(umol/s):11.762 Flu. and blue light ratio:6.232 Fluorescent eff.:224.5

Electrical parameters

V = 120.0 V I = 0.07748 A P = 8.964 W PF = 0.9643 F=59.98 Hz

EVERFINE

<http://www.everfine.cn>

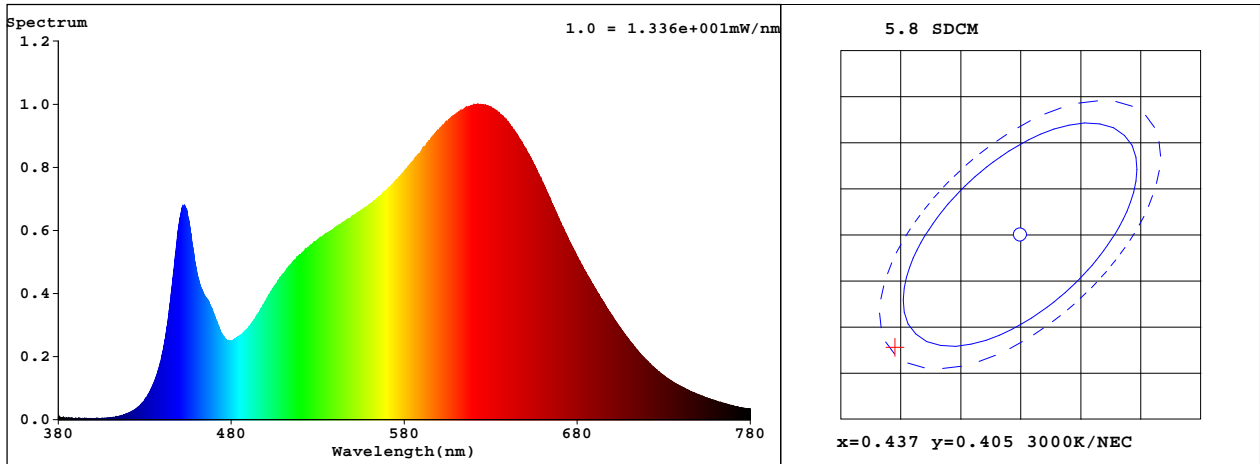
Spectrum Test Report

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|------------------------------------|----------------------------------|
| Sample : | Date : 2020-04-17 16:06:19 |
| Specification : | Sam. Status : |
| Sample No. : 4IN Baffle 5CCT 3000K | Instrument : HaasSuite(EVERFINE) |
| Manufacturer : | Test by : |
| | Assessor : damin |

Test Condition

| | |
|------------------------|-------------------|
| Temperature : 25.9Deg | RH : 65.0% |
| WL Range : 380nm-780nm | IP : 56559 (86%) |
| Test Mode : Fast Test | T : 887 ms |
| | Sensitivity : Low |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4265$ $y = 0.3928$ / $u' = 0.2487$ $v' = 0.5153$ ($duv = -3.09e-03$)

CCT= 3089K Prcp WL: Ld=583.7nm Purity=45.9%

Peak WL: Lp=623nm FWHM: =166.0nm Ratio:R=24.1% G=72.7% B=3.1%

Render Index: Ra = 94.5 CRI = 92.2 AvgR = 92.3

R1 =96 R2 =98 R3 =98 R4 =95 R5 =95 R6 =96 R7 =93

R8 =86 R9 =69 R10=94 R11=95 R12=81 R13=97 R14=98 R15=93

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 674.86 lm Eff. : 75.31 lm/W Fe = 2.3740 W

Flux of emitted photons(umol/s):11.705 Flu. and blue light ratio:8.581 Fluorescent eff.:228.8

Electrical parameters

V = 120.0 V I = 0.07746 A P = 8.961 W PF = 0.9643 F=59.98 Hz

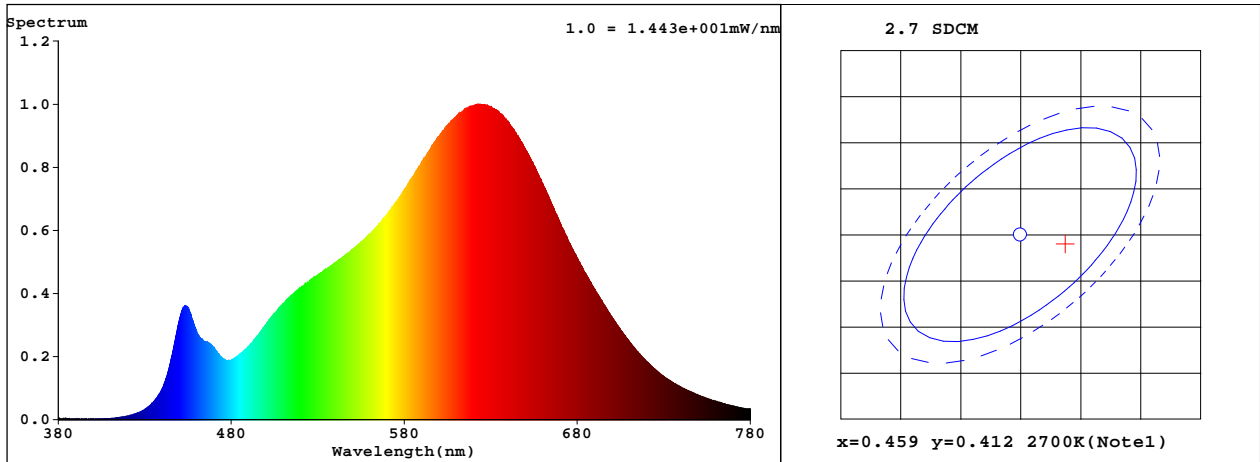
Spectrum Test Report

| | |
|------------------------------------|----------------------------------|
| Sample : | Date : 2020-04-17 16:08:01 |
| Specification : | Sam. Status : |
| Sample No. : 4IN Baffle 5CCT 2700K | Instrument : HaasSuite(EVERFINE) |
| Manufacturer : | Test by : |
| | Assessor : damin |

Test Condition

| | |
|------------------------|-------------------|
| Temperature : 25.9Deg | RH : 65.0% |
| WL Range : 380nm-780nm | IP : 52422 (80%) |
| Test Mode : Fast Test | T : 763 ms |
| | Sensitivity : Low |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4628$ $y = 0.4110$ / $u' = 0.2642$ $v' = 0.5279$ ($duv = -8.36e-05$)

CCT= 2663K Prcp WL: Ld=584.4nm Purity=62.3%

Peak WL: Lp=623nm FWHM: =140.3nm Ratio:R=26.8% G=70.7% B=2.5%

Render Index: Ra = 93.1 CRI = 90.9 AvgR = 90.8

R1 =94 R2 =98 R3 =98 R4 =93 R5 =94 R6 =97 R7 =91

R8 =80 R9 =58 R10=94 R11=95 R12=86 R13=95 R14=100 R15=89

WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 655.59 lm Eff. : 73.27 lm/W Fe = 2.3138 W

Flux of emitted photons(umol/s):11.6 Flu. and blue light ratio:14.52 Fluorescent eff.:233.3

Electrical parameters

V = 120.0 V I = 0.07735 A P = 8.947 W PF = 0.9642 F=59.98 Hz