

Spectrum Test Report

Sample :
 Specification : 2507
 Sample No. : 5W 3000K
 Manufacturer : 0001240302-1

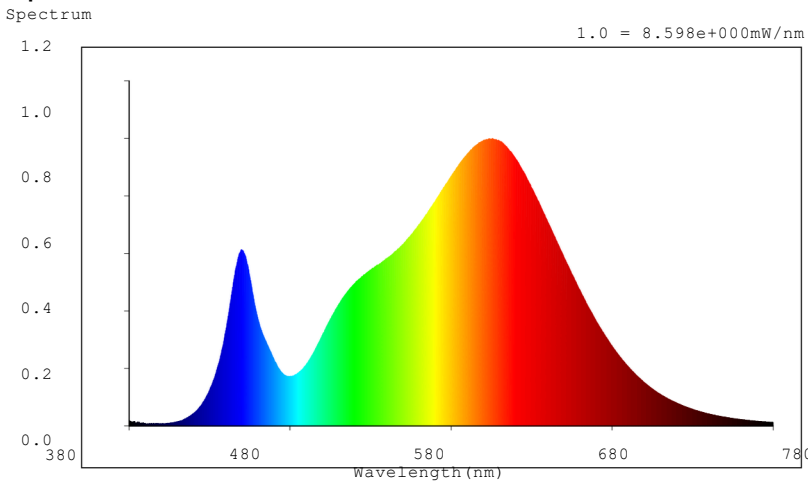
Date : 2024-03-06 21:30:52
 Sam. Status : 2507
 Instrument : HaasSuite(EVERFINE)
 Test by : simei
 Assessor : damin

Test Condition

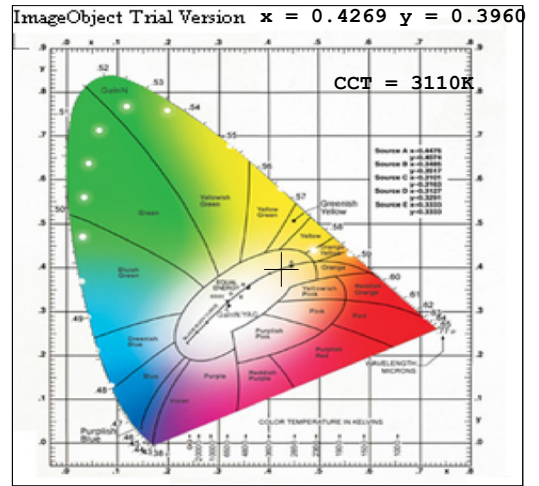
Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 56253 (86%)
 T : 470 ms
 Sensitivity : High

Spectrum



CIE1931 EVERFINE



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4269$ $y = 0.3960$ / $u' = 0.2475$ $v' = 0.5167$ ($duv = -1.80e-03$)
 CCT= 3110K Prcp WL: $L_d = 583.1nm$ Purity=47.0%
 Peak WL: $L_p = 606nm$ FWHM: =136.9nm Ratio:R=22.5% G=75.0% B=2.5%

Render Index: $R_a = 83.4$

R1 =82 R8 =62 R2 =90 R3 =96 R4 =82 R5 =82 R6 =88 R7 =84
 LEVEL:OUT R9 =12 R10=78 R11=82 R12=71 R13=84 R14=98 R15=75
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 429.41 lm Eff. : 87.67 lm/W Fe = 1.3170 W Scotopic:592.2 S/P:1.3791

Electrical parameters

V = 11.98 V I = 0.5928 A P = 4.898 W PF = 0.6895

Sample :
 Specification : 2507
 Sample No. : 5W 4000K
 Manufacturer : 0001240302-1

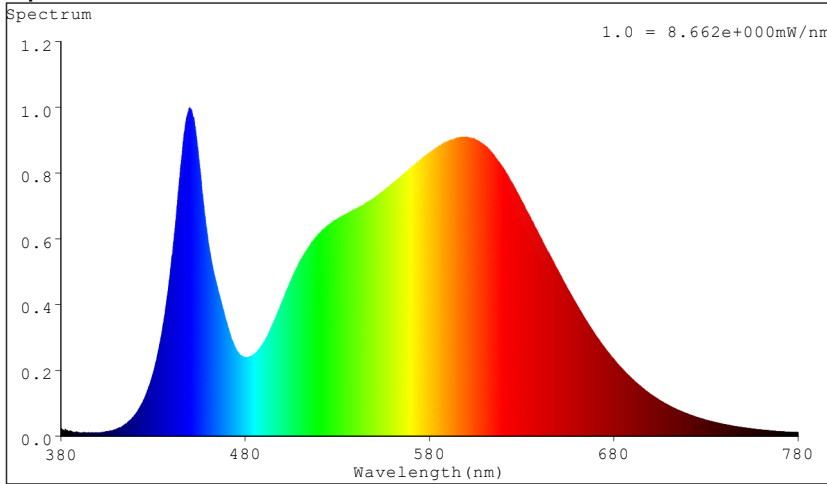
Date : 2024-03-06 21:31:17
 Sam. Status : 2507
 Instrument : HaasSuite(EVERFINE)
 Test by : simei
 Assessor : damin

Test Condition

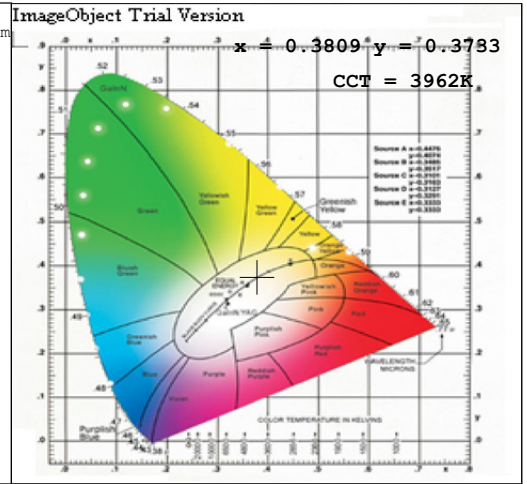
Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 52220 (80%)
 T : 470 ms
 Sensitivity : High

Spectrum



CIE1931 EVERFINE



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3809$ $y = 0.3733$ / $u' = 0.2268$ $v' = 0.5001$ ($duv = -1.75e-03$)
 CCT= 3962K Prcp WL: $L_d = 580.2nm$ Purity=26.3%
 Peak WL: $L_p = 450nm$ FWHM: =23.6nm Ratio:R=18.9% G=77.7% B=3.4%

Render Index: Ra = 84.4

R1 =84 R8 =68 R2 =89 R3 =93 R4 =84 R5 =84 R6 =85 R7 =87
 LEVEL:OUT R9 =18 R10=74 R11=84 R12=65 R13=85 R14=96 R15=79
 WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 455.07 lm Eff. : 90.76 lm/W Fe = 1.4087 W Scotopic:761.8 S/P:1.674

Electrical parameters

V = 11.98 V I = 0.6044 A P = 5.014 W PF = 0.6925

Spectrum Test Report

Sample :
 Specification : 2507
 Sample No. : 5W 5000K
 Manufacturer : 0001240302-1

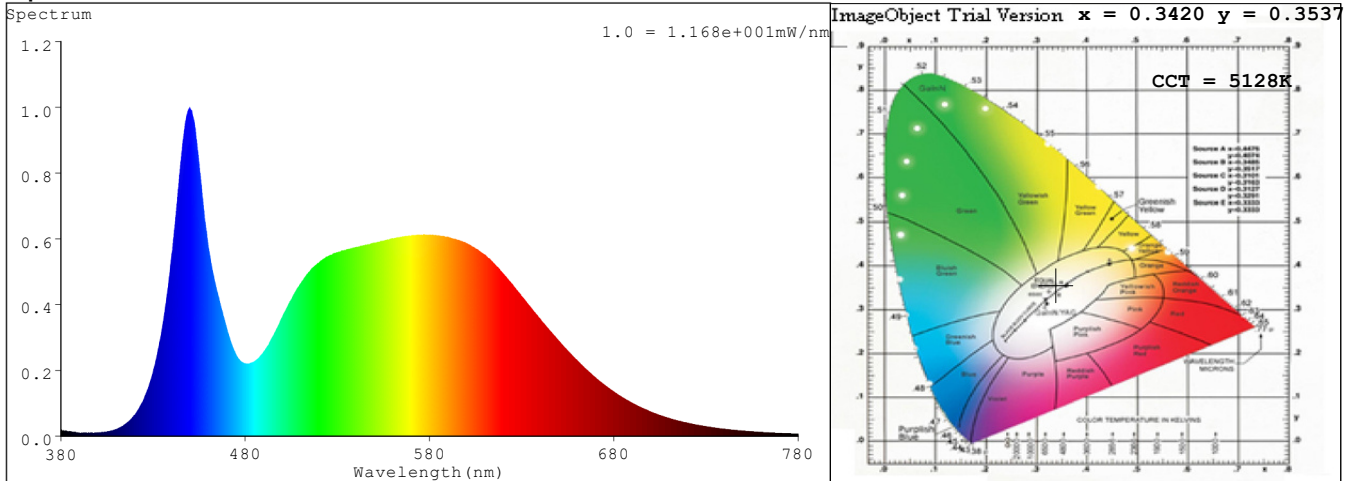
Date : 2024-03-06 21:31:48
 Sam. Status : 2507
 Instrument : HaasSuite(EVERFINE)
 Test by : simei
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 47676 (73%)
 T : 470 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3420$ $y = 0.3537$ / $u' = 0.2085$ $v' = 0.4852$ ($duv=2.32e-03$)
 CCT= 5128K Prcp WL: $L_d=568.3nm$ Purity=8.7%
 Peak WL: $L_p=450nm$ FWHM: $=23.2nm$ Ratio:R=15.4% G=80.3% B=4.3%

Render Index: $R_a = 82.3$

R1 =81 R8 =68 R2 =86 R3 =90 R4 =83 R5 =82 R6 =81 R7 =87
 LEVEL:OUT R9 =8 R10=67 R11=83 R12=61 R13=82 R14=94 R15=76
 WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 460.05 lm Eff. : 92.59 lm/W Fe = 1.4385 W Scotopic:897.08 S/P:1.95

Electrical parameters

V = 11.99 V I = 0.5999 A P = 4.968 W PF = 0.6909

Spectrum Test Report

Sample :
 Specification : 2507
 Sample No. : 10W 3000K
 Manufacturer : 0001240302-1

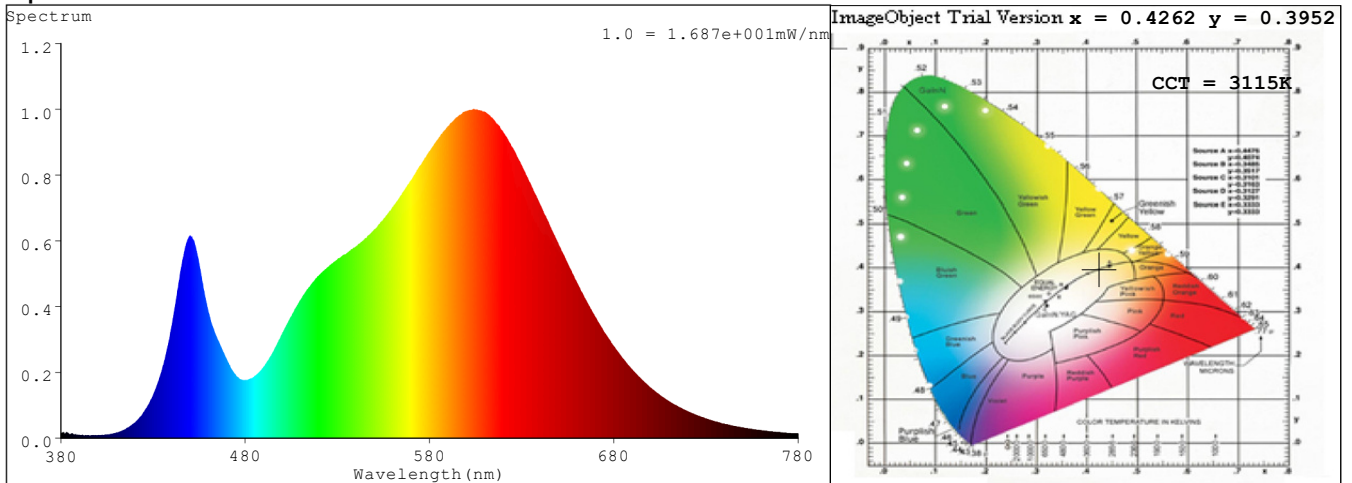
Date : 2024-03-06 21:32:23
 Sam. Status : 2507
 Instrument : HaasSuite(EVERFINE)
 Test by : simei
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 55224 (84%)
 T : 235 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4262$ $y = 0.3952$ / $u' = 0.2475$ $v' = 0.5162$ ($duv = -2.05e-03$)
 CCT= 3115K Prcp WL: $L_d = 583.1 \text{ nm}$ Purity=46.5%
 Peak WL: $L_p = 604 \text{ nm}$ FWHM: =136.4nm Ratio:R=22.4% G=75.0% B=2.5%

Render Index: $R_a = 83.3$

R1 =82 R8 =62 R2 =90 R3 =96 R4 =82 R5 =82 R6 =88 R7 =84
 LEVEL:OUT R9 =12 R10=78 R11=82 R12=71 R13=84 R14=98 R15=75
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 843.10 lm Eff. : 85.02 lm/W Fe = 2.5898 W Scotopic:1165.2 S/P:1.3821

Electrical parameters

V = 11.91 V I = 1.170 A P = 9.917 W PF = 0.7119

Spectrum Test Report

Sample :
 Specification : 2507
 Sample No. : 10W 4000K
 Manufacturer : 0001240302-1

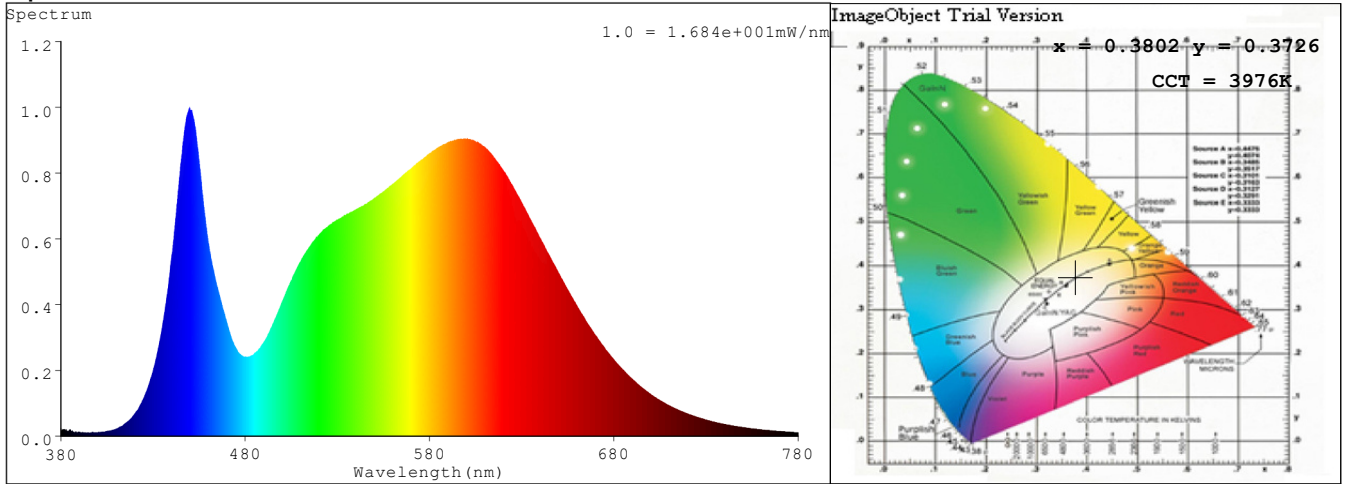
Date : 2024-03-06 21:32:56
 Sam. Status : 2507
 Instrument : HaasSuite(EVERFINE)
 Test by : simei
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 50513 (77%)
 T : 235 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3802$ $y = 0.3726$ / $u' = 0.2266$ $v' = 0.4997$ ($duv = -1.90e-03$)
 CCT= 3976K Prcp WL: $L_d = 580.3nm$ Purity=25.9%
 Peak WL: $L_p = 450nm$ FWHM: =23.8nm Ratio:R=18.8% G=77.8% B=3.4%

Render Index: $R_a = 84.3$

R1 =84 R8 =68 R2 =89 R3 =93 R4 =84 R5 =83 R6 =85 R7 =87
 LEVEL:OUT R9 =18 R10=74 R11=84 R12=65 R13=85 R14=96 R15=79
 WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 880.27 lm Eff. : 87.75 lm/W Fe = 2.7285 W Scotopic:1476.6 S/P:1.6774

Electrical parameters

V = 11.91 V I = 1.185 A P = 10.03 W PF = 0.7107

Spectrum Test Report

Sample :
 Specification : 2507
 Sample No. : 10W 5000K
 Manufacturer : 0001240302-1

Date : 2024-03-06 21:34:31
 Sam. Status : 2507
 Instrument : HaasSuite(EVERFINE)
 Test by : simei
 Assessor : damin

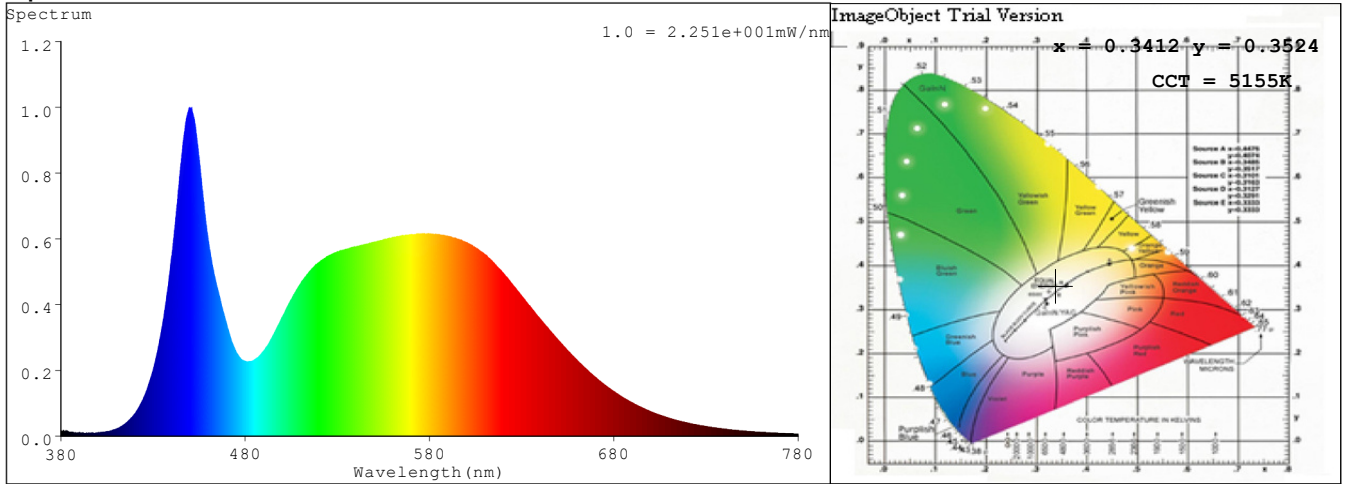
Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 46256 (71%)
 T : 235 ms
 Sensitivity : High

Spectrum

CIE1931 EVERFINE



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3412$ $y = 0.3524$ / $u' = 0.2085$ $v' = 0.4845$ ($duv = 1.98e-03$)
 CCT= 5155K Prcp WL: $L_d = 568.0nm$ Purity=8.1%
 Peak WL: $L_p = 451nm$ FWHM: =23.8nm Ratio:R=15.4% G=80.3% B=4.3%

Render Index: $R_a = 82.5$

R1 =81 R8 =69 R2 =86 R3 =90 R4 =83 R5 =82 R6 =82 R7 =87
 LEVEL:OUT R9 =9 R10=67 R11=83 R12=62 R13=82 R14=94 R15=76
 WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 891.88 lm Eff. : 88.70 lm/W Fe = 2.7983 W Scotopic:1746.4 S/P:1.9581

Electrical parameters

V = 11.91 V I = 1.188 A P = 10.05 W PF = 0.7104

Spectrum Test Report

Sample :
 Specification : 2507
 Sample No. : 15W 3000K
 Manufacturer : 0001240302-1

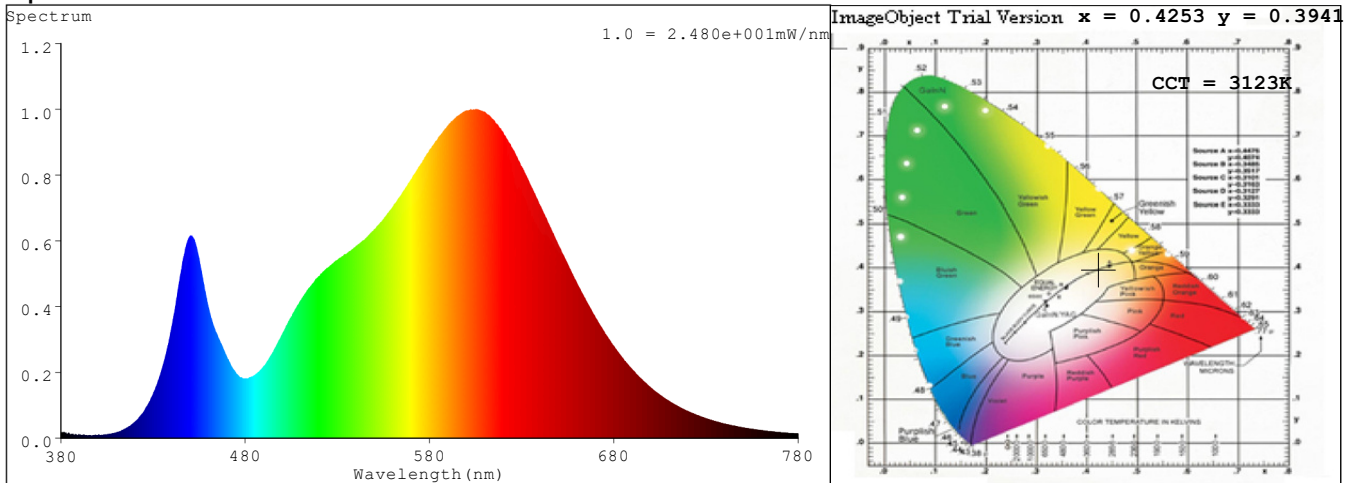
Date : 2024-03-06 21:35:07
 Sam. Status : 2507
 Instrument : HaasSuite(EVERFINE)
 Test by : simei
 Assessor : damin

Test Condition

Tempratur : 25.3Deg
 e WL : 380nm-780nm
 Range Test : Fast Test
 Mode

RH : 65.0%
 IP : 52837 (81%)
 T : 153 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4253$ $y = 0.3941$ / $u' = 0.2473$ $v' = 0.5156$ ($duv = -2.35e-03$)
 CCT= 3123K Prcp WL: $L_d = 583.2$ nm Purity=45.9%
 Peak WL: $L_p = 606$ nm FWHM: =136.3nm Ratio:R=22.4% G=75.0% B=2.6%

Render Index: $R_a = 83.2$

R1 =82 R8 =62 R2 =91 R3 =96 R4 =82 R5 =82 R6 =88 R7 =84
 LEVEL:OUT R9 =11 R10=78 R11=81 R12=71 R13=84 R14=98 R15=76
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1240.3 lm Eff. : 81.82 lm/W Fe = 3.8173 W Scotopic:1720.9 S/P:1.3875

Electrical parameters

V = 11.84 V I = 1.764 A P = 15.16 W PF = 0.7260

Sample :
 Specification : 2507
 Sample No. : 15W 4000K
 Manufacturer : 0001240302-1

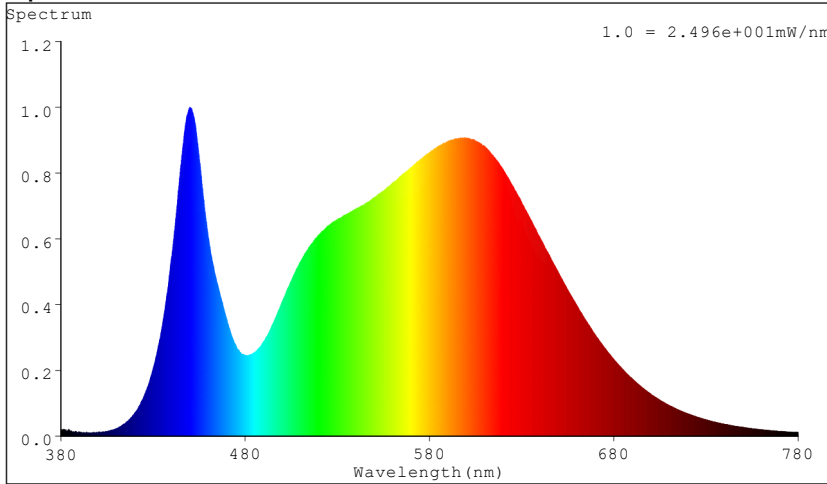
Date : 2024-03-06 21:35:31
 Sam. Status : 2507
 Instrument : HaasSuite(EVERFINE)
 Test by : simei
 Assessor : damin

Test Condition

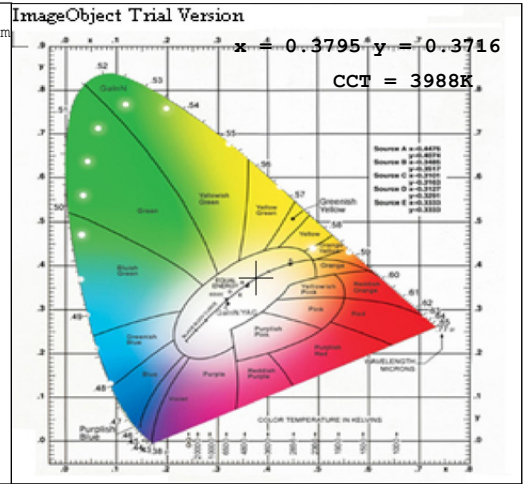
Tempratur : 25.3Deg
 e WL : 380nm-780nm
 Range Test : Fast Test
 Mode

RH : 65.0%
 IP : 48946 (75%)
 T : 153 ms
 Sensitivity : High

Spectrum



CIE1931 EVERFINE



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3795$ $y = 0.3716$ / $u' = 0.2265$ $v' = 0.4991$ ($duv = -2.17e-03$)
 CCT= 3988K Prcp WL: $L_d = 580.4nm$ Purity=25.4%
 Peak WL: $L_p = 450nm$ FWHM: =24.3nm Ratio:R=18.8% G=77.7% B=3.5%

Render Index: Ra = 84.4

R1 =84 R8 =68 R2 =90 R3 =93 R4 =84 R5 =84 R6 =85 R7 =87
 LEVEL:OUT R9 =18 R10=75 R11=83 R12=65 R13=85 R14=96 R15=79
 WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1309.7 lm Eff. : 84.59 lm/W Fe = 4.0682 W Scotopic:2203.9 S/P:1.6828

Electrical parameters

V = 11.84 V I = 1.804 A P = 15.48 W PF = 0.7252

Spectrum Test Report

Sample :
 Specification : 2507
 Sample No. : 15W 5000K
 Manufacturer : 0001240302-1

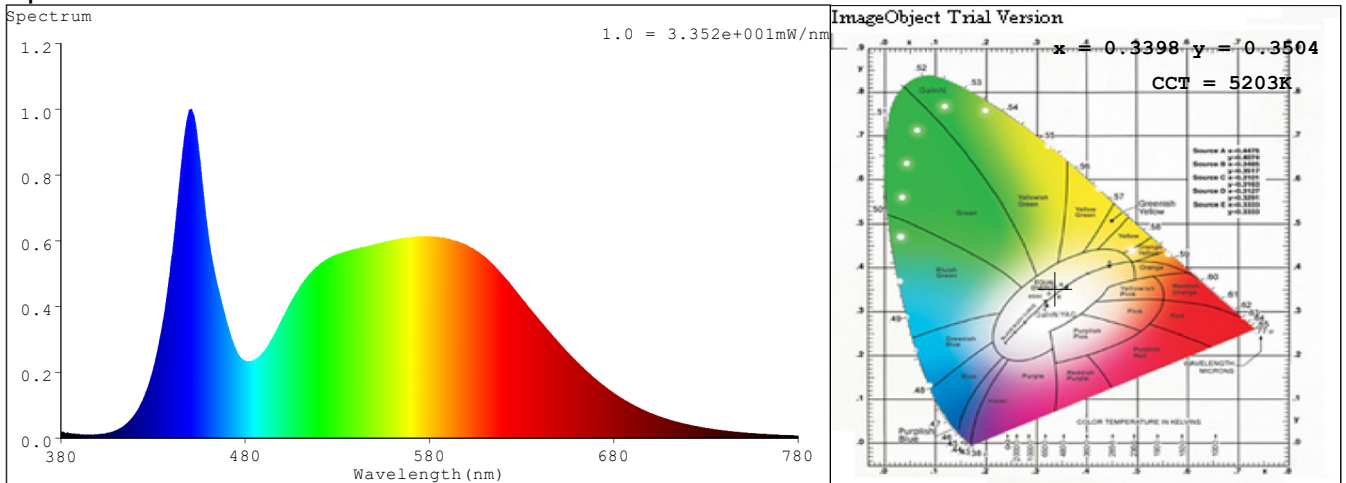
Date : 2024-03-06 21:36:00
 Sam. Status : 2507
 Instrument : HaasSuite(EVERFINE)
 Test by : simei
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 52823 (81%)
 T : 181 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3398$ $y = 0.3504$ / $u' = 0.2083$ $v' = 0.4833$ ($duv=1.55e-03$)
 CCT= 5203K Prcp WL: $L_d=567.3nm$ Purity=7.1%
 Peak WL: $L_p=451nm$ FWHM: =24.4nm Ratio:R=15.4% G=80.2% B=4.4%

Render Index: $R_a = 82.8$

R1 =82 R2 =87 R3 =90 R4 =84 R5 =82 R6 =82 R7 =87
 =69 R9 =11 R10=68 R11=83 R12=62 R13=83 R14=94 R15=77
 LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 1323.6 lm Eff. : 86.01 lm/W Fe = 4.1742 W Scotopic:2611 S/P:1.9727

Electrical parameters

V = 11.84 V I = 1.789 A P = 15.39 W PF = 0.7266

Spectrum Test Report

Sample :
 Specification : 2507
 Sample No. : 20W 3000K
 Manufacturer : 0001240302-1

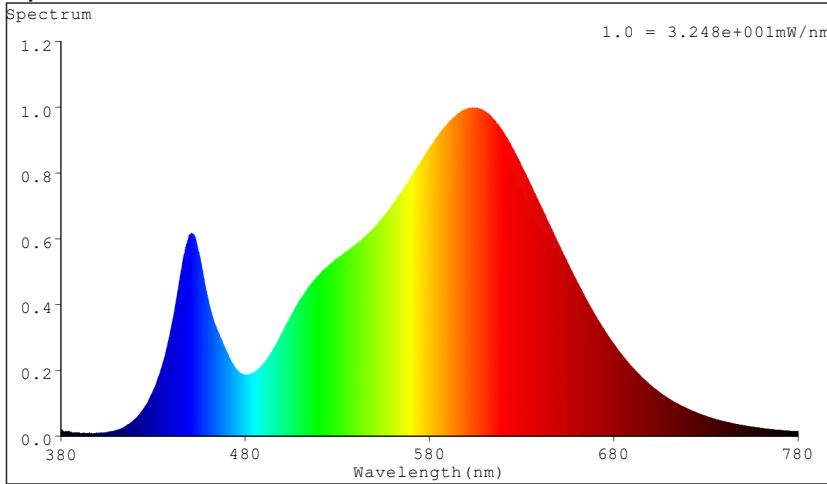
Date : 2024-03-06 21:36:33
 Sam. Status : 2507
 Instrument : HaasSuite(EVERFINE)
 Test by : simei
 Assessor : damin

Test Condition

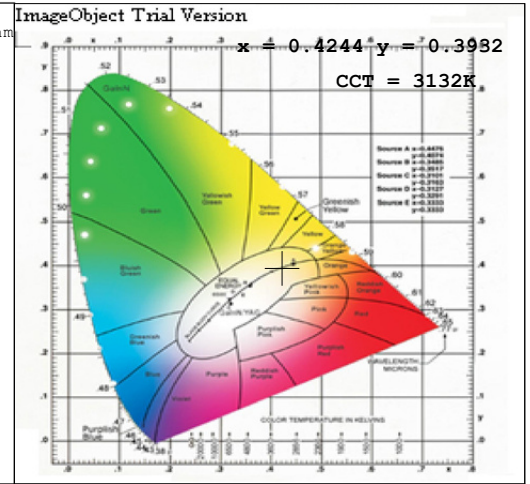
Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 52920 (81%)
 T : 117 ms
 Sensitivity : High

Spectrum



CIE1931 EVERFINE



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4244$ $y = 0.3932$ / $u' = 0.2471$ $v' = 0.5151$ ($duv = -2.59e-03$)
 CCT= 3132K Prcp WL: $L_d = 583.3nm$ Purity=45.4%
 Peak WL: $L_p = 603nm$ FWHM: =135.7nm Ratio:R=22.3% G=75.1% B=2.6%

Render Index: Ra = 83.2

R1 =82 R8 =61 R2 =91 R3 =96 R4 =82 R5 =82 R6 =88 R7 =84
 LEVEL:OUT R9 =11 R10=78 R11=81 R12=71 R13=84 R14=98 R15=76
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1625.2 lm Eff. : 78.39 lm/W Fe = 5.0106 W Scotopic:2263.9 S/P:1.393

Electrical parameters

V = 11.76 V I = 2.376 A P = 20.73 W PF = 0.7420

Spectrum Test Report

Sample :
 Specification : 2507
 Sample No. : 20W 4000K
 Manufacturer : 0001240302-1

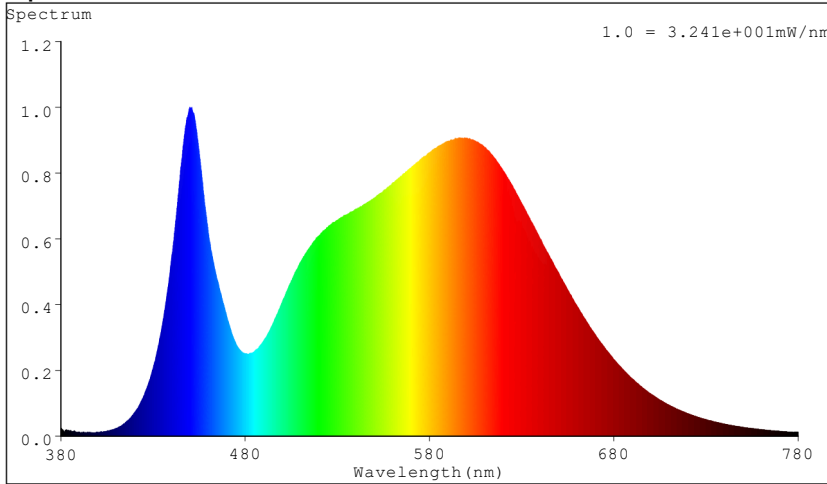
Date : 2024-03-06 21:37:00
 Sam. Status : 2507
 Instrument : HaasSuite(EVERFINE)
 Test by : simei
 Assessor : damin

Test Condition

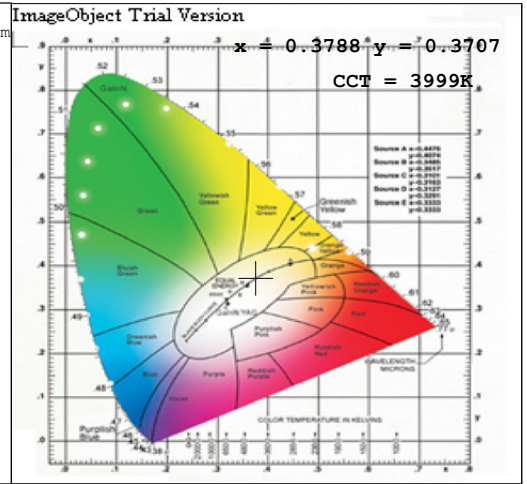
Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 48627 (74%)
 T : 117 ms
 Sensitivity : High

Spectrum



CIE1931 EVERFINE



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3788$ $y = 0.3707$ / $u' = 0.2265$ $v' = 0.4986$ ($duv = -2.40e-03$)
 CCT= 3999K Prcp WL: $L_d = 580.5nm$ Purity=24.9%
 Peak WL: $L_p = 450nm$ FWHM: =24.6nm Ratio:R=18.8% G=77.7% B=3.5%

Render Index: $R_a = 84.5$

R1 =84 R8 =69 R2 =90 R3 =93 R4 =84 R5 =84 R6 =85 R7 =87
 LEVEL:OUT R9 =18 R10=75 R11=83 R12=65 R13=85 R14=96 R15=79
 WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1698.8 lm Eff. : 81.92 lm/W Fe = 5.2877 W Scotopic:2868.1 S/P:1.6884

Electrical parameters

V = 11.76 V I = 2.369 A P = 20.74 W PF = 0.7443

EVERFINE CORPORATION

<http://www.everfine.cn>

Spectrum Test Report

Sample :
 Specification : 2507
 Sample No. : 20W 5000K
 Manufacturer : 0001240302-1

Date : 2024-03-06 21:37:31
 Sam. Status : 2507
 Instrument : HaasSuite(EVERFINE)
 Test by : simei
 Assessor : damin

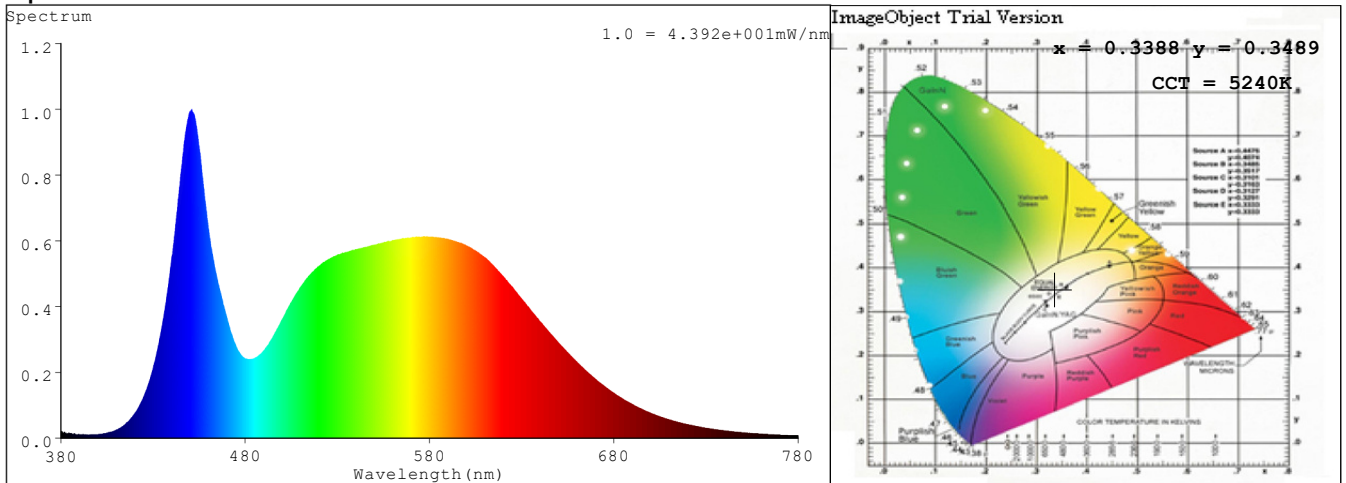
Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 53054 (81%)
 T : 139 ms
 Sensitivity : High

Spectrum

CIE1931 EVERFINE



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3388$ $y = 0.3489$ / $u' = 0.2082$ $v' = 0.4824$ ($duv=1.21e-03$)
 CCT= 5240K Prcp WL: $L_d=566.6nm$ Purity=6.4%
 Peak WL: $L_p=451nm$ FWHM: =25.0nm Ratio:R=15.4% G=80.1% B=4.5%

Render Index: $R_a = 83.1$

R1 =82 R2 =87 R3 =90 R4 =84 R5 =83 R6 =82 R7 =87
 =70 R9 =12 R10=69 R11=83 R12=62 R13=83 R14=94 R15=77
 LEVEL:OUT WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 1730.7 lm Eff. : 82.25 lm/W Fe = 5.4812 W Scotopic:3433.7 S/P:1.984

Electrical parameters

V = 11.76 V I = 2.396 A P = 21.04 W PF = 0.7469