

Spectrum Test Report

Sample : 420灯-2110暖白-裸板
Specification :
Sample No. : 20
Manufacturer :

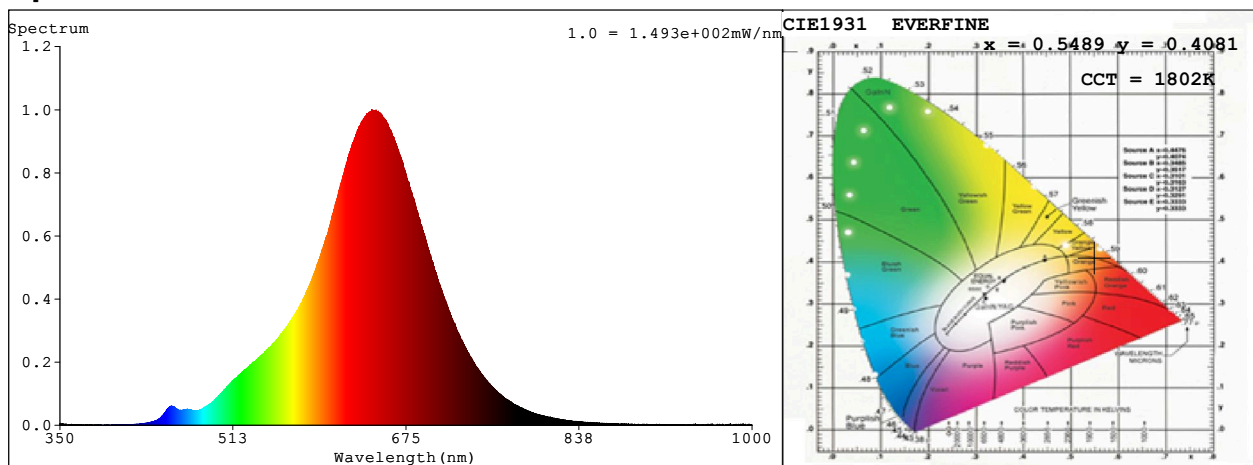
Date : 2019-07-19 16:39:23
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by :
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 51700 (79%)
T : 1112 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5489$ $y = 0.4081$ / $u' = 0.3229$ $v' = 0.5402$ ($duv = -6.58e-05$) $Dx, Dy: -0.0001, -0.0002$

CCT= 1802K Prcp WL: $L_d = 590.9$ nm Purity=87.3%

Peak WL: $L_p = 643$ nm FWHM: =110.3nm Ratio:R=38.7% G=60.2% B=1.1%

Render Index: $R_a = 96.6$ TM30:Rf=94 Rg=99

R1 =99 R2 =99 R3 =99 R4 =99 R5 =100 R6 =94 R7 =93

R8 =89 R9 =79 R10=100 R11=94 R12=90 R13=100 R14=97 R15=94

Photometric & Radiometric Parameters

Flux = 3992.7 lm Eff. : 58.93 lm/W Fe = 19.950 W

Photons1:1.918e+000 umol/s(400~500nm) Photons2:6.623e+001 umol/s(600~700nm)

Photosynthetic:PPF:88.234umol/s PRF WATT:16972mW(400-700nm)

Electrical parameters

V = 24.00 V I = 2.823 A P = 67.75 W PF = 1.000 F=0.00 Hz

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Spectrum Test Report

Sample : 420灯-2110暖白-裸板
Specification :
Sample No. : 29
Manufacturer :

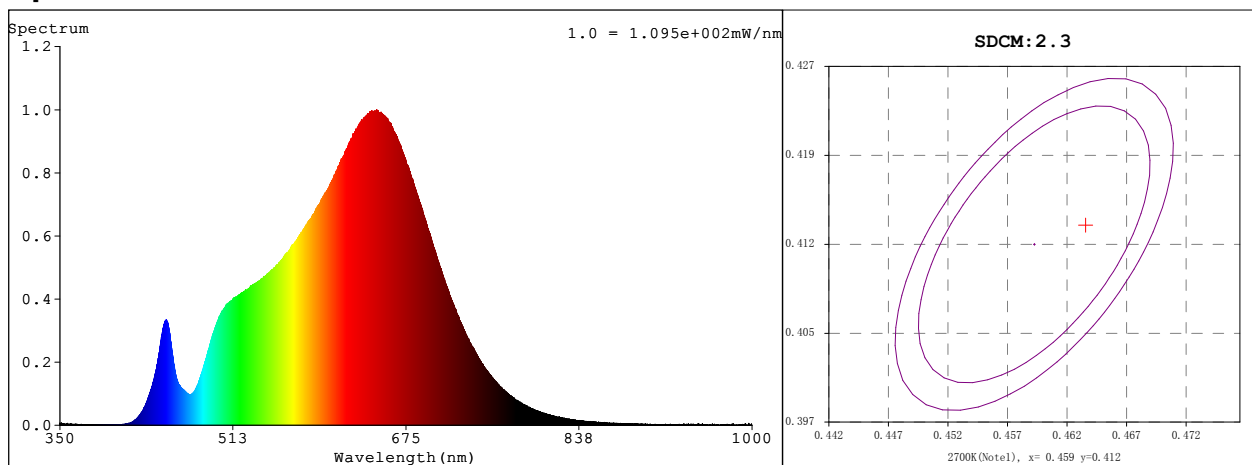
Date : 2019-07-19 10:09:03
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by :
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 52167 (80%)
T : 1534 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4633$ $y = 0.4136$ / $u' = 0.2634$ $v' = 0.5290$ ($duv=8.27e-04$) $Dx, Dy: 0.0015, 0.0026$

CCT= 2676K Prcp WL: $L_d=584.1nm$ Purity=63.2%

Peak WL: $L_p=647nm$ FWHM: =156.5nm Ratio:R=27.2% G=70.3% B=2.5%

Render Index: $R_a = 97.9$ TM30:Rf=95 Rg=102

R1 =99 R2 =100 R3 =97 R4 =95 R5 =98 R6 =99 R7 =98

R8 =99 R9 =97 R10=99 R11=91 R12=97 R13=99 R14=98 R15=99

Photometric & Radiometric Parameters

Flux = 4486.9 lm Eff. : 66.96 lm/W Fe = 19.159 W

Photons1:5.800e+000 umol/s(400~500nm) Photons2:5.093e+001 umol/s(600~700nm)

Photosynthetic:PPF:83.01umol/s PRF WATT:16546mW(400-700nm)

Electrical parameters

V = 24.00 V I = 2.792 A P = 67.01 W PF = 1.000 F=0.00 Hz

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Spectrum Test Report

Sample : 420灯-2110暖白-裸板
Specification :
Sample No. : 21
Manufacturer :

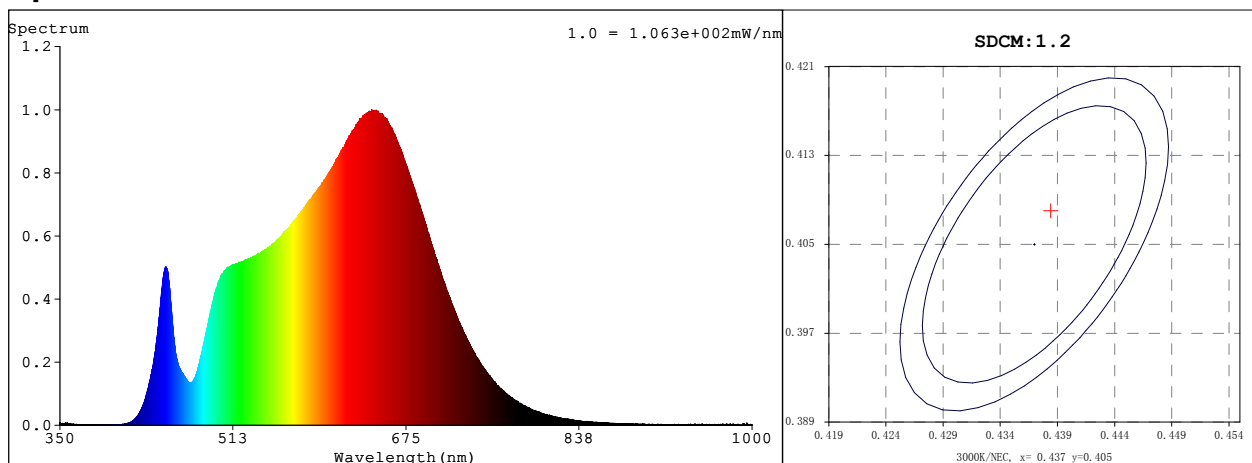
Date : 2019-07-19 16:41:17
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by :
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 52431 (80%)
T : 1584 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4384$ $y = 0.4079$ / $u' = 0.2499$ $v' = 0.5231$ ($duv=1.32e-03$) $Dx, Dy: 0.0019, 0.0040$
CCT= 3006K Prcp WL: $L_d=582.3nm$ Purity=54.1%
Peak WL: $L_p=643nm$ FWHM: =198.7nm Ratio:R=24.8% G=72.1% B=3.0%

Render Index: $R_a = 97.9$ TM30:Rf=96 Rg=102

R1 =98 R2 =99 R3 =97 R4 =95 R5 =98 R6 =99 R7 =98
R8 =99 R9 =100 R10=100 R11=91 R12=95 R13=99 R14=98 R15=100

Photometric & Radiometric Parameters

Flux = 4897.9 lm Eff. : 73.49 lm/W Fe = 20.049 W
Photons1:7.967e+000 umol/s(400~500nm) Photons2:4.971e+001 umol/s(600~700nm)
Photosynthetic:PPF:87.134umol/s PRF WATT:17591mW(400-700nm)

Electrical parameters

V = 24.00 V I = 2.777 A P = 66.64 W PF = 1.000 F=0.00 Hz

Spectrum Test Report

Sample : 420灯-2110白光-裸板
Specification :
Sample No. : 22
Manufacturer :

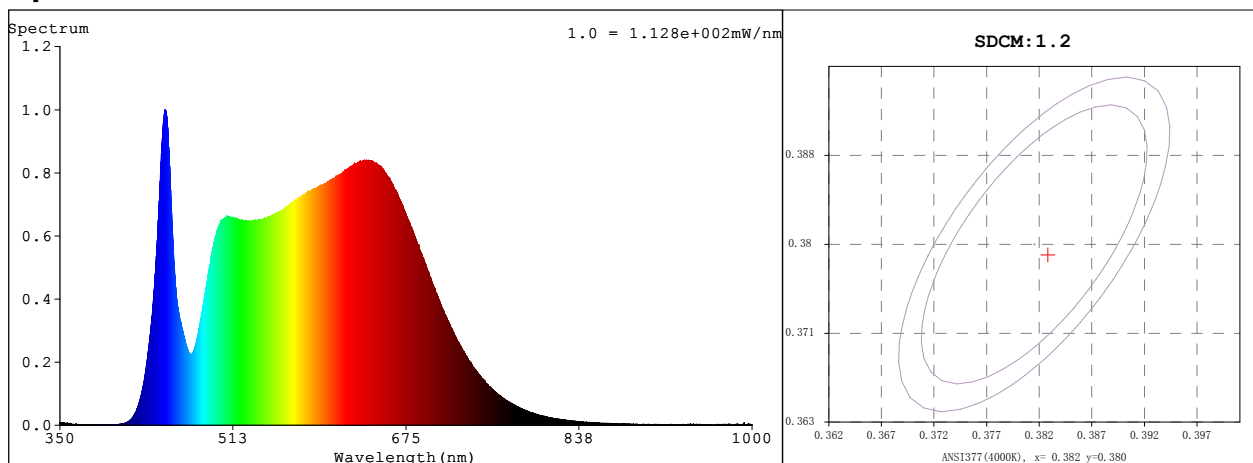
Date : 2019-07-19 16:43:28
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by :
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 49045 (75%)
T : 1584 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3831$ $y = 0.3787$ / $u' = 0.2261$ $v' = 0.5028$ ($duv=1.39e-04$) $Dx, Dy: 0.0001, 0.0004$
CCT= 3943K Prcp WL: $L_d=579.2nm$ Purity=28.6%
Peak WL: $L_p=449nm$ FWHM: =17.4nm Ratio:R=20.5% G=75.2% B=4.4%

Render Index: $R_a = 97.9$ TM30:Rf=96 Rg=102

R1 =100 R2 =98 R3 =97 R4 =96 R5 =99 R6 =97 R7 =97
R8 =98 R9 =97 R10=98 R11=93 R12=87 R13=100 R14=98 R15=99

Photometric & Radiometric Parameters

Flux = 5672.4 lm Eff. : 84.90 lm/W Fe = 21.906 W
Photons1:1.477e+001 umol/s(400~500nm) Photons2:4.479e+001 umol/s(600~700nm)
Photosynthetic:PPF:95.17umol/s PRF WATT:19841mW(400-700nm)

Electrical parameters

V = 24.00 V I = 2.784 A P = 66.82 W PF = 1.000 F=0.00 Hz

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Spectrum Test Report

Sample : 420灯-2110白光-裸板
Specification :
Sample No. : 23
Manufacturer :

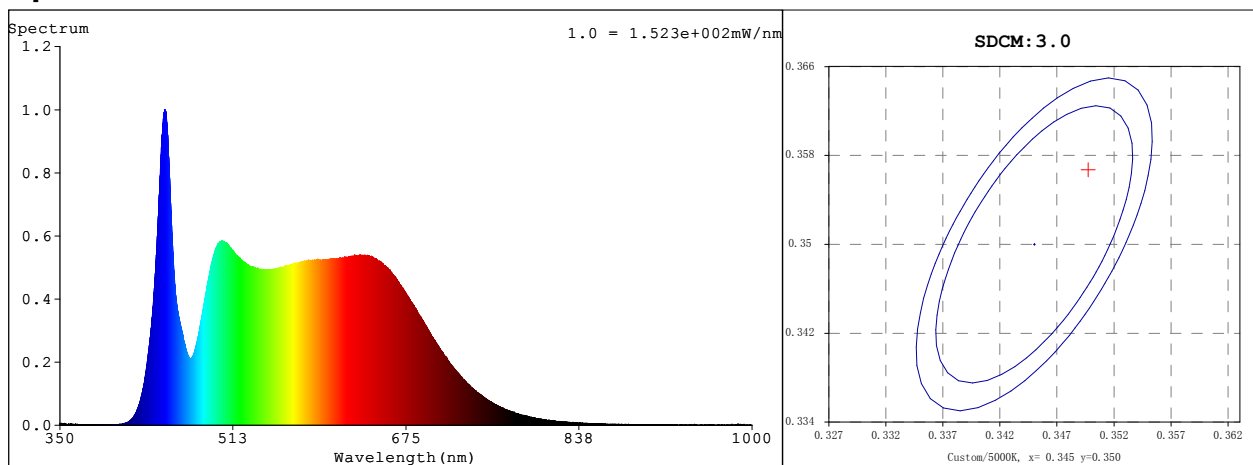
Date : 2019-07-19 16:45:21
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by :
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 51862 (79%)
T : 1296 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3497$ $y = 0.3565$ / $u' = 0.2126$ $v' = 0.4877$ ($duv=6.27e-04$) $Dx, Dy: 0.0002, 0.0014$
CCT= 4847K Prcp WL: $L_d=573.8nm$ Purity=11.9%
Peak WL: $L_p=449nm$ FWHM: =16.9nm Ratio:R=18.2% G=76.2% B=5.6%

Render Index: $R_a = 98.5$ TM30:Rf=96 Rg=102

R1 =99 R2 =100 R3 =99 R4 =96 R5 =99 R6 =98 R7 =99
R8 =99 R9 =100 R10=99 R11=92 R12=85 R13=99 R14=99 R15=99

Photometric & Radiometric Parameters

Flux = 5657.3 lm Eff. : 84.21 lm/W Fe = 21.792 W
Photons1:1.928e+001 umol/s(400~500nm) Photons2:3.870e+001 umol/s(600~700nm)
Photosynthetic:PPF:94.213umol/s PRF WATT:20058mW(400-700nm)

Electrical parameters

V = 24.00 V I = 2.799 A P = 67.18 W PF = 1.000 F=0.00 Hz

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