

Spectrum Test Report

Sample :
Specification : 8976WH-5CCT
Sample No. : 1
Manufacturer : Royal Pacific Ltd.
Instrument number N-01

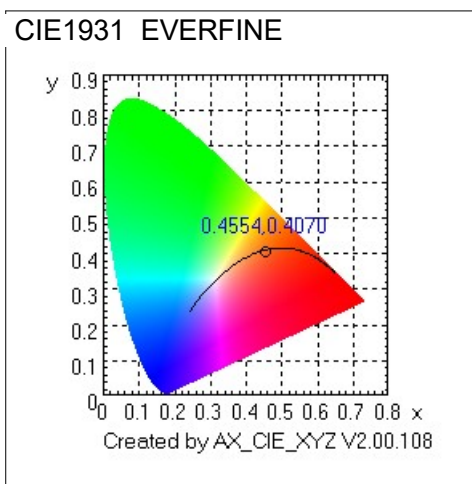
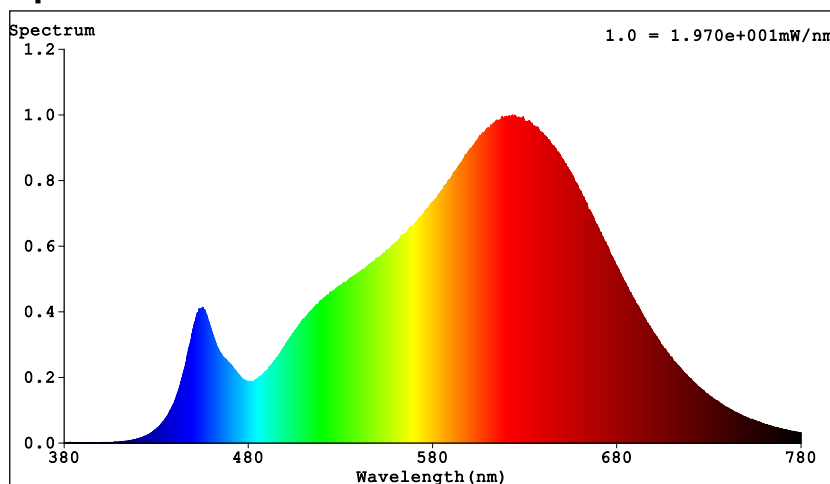
Date : 2025-09-18 15:34:39
Sam Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 53236 (81%)
T : 435 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4554$ $y = 0.4070$ / $u' = 0.2612$ $v' = 0.5253$ (duv=-9.56e-04)

CCT= 2735K Prcp WL: Ld=584.3nm Purity=58.9%

Peak WL: Lp=623nm FWHM: =148.7nm Ratio:R=26.3% G=71.2% B=2.5%

Render Index: Ra = 93.6 TM30:Rf=92 Rg=100

R1 =94 R2 =97 R3 =99 R4 =94 R5 =94 R6 =97 R7 =92

R8 =82 R9 =62 R10=93 R11=95 R12=84 R13=95 R14=99 R15=90

WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 902.89 lm Eff. : 76.50 lm/W Fe = 3.2110 W

(EQE):1481.5%

Kred: 0.18153

Electrical parameters

V = 119.9 V I = 0.1047 A P = 11.80 W PF = 0.9405

Freq=60.01 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>

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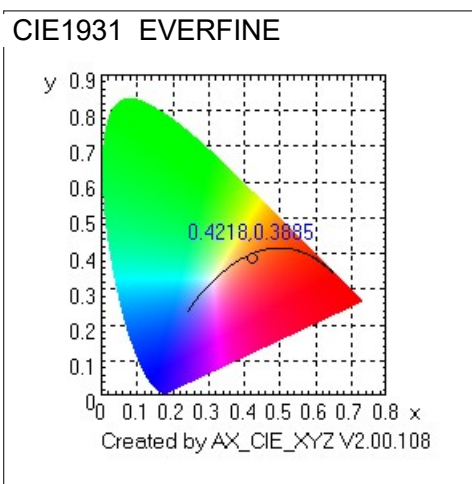
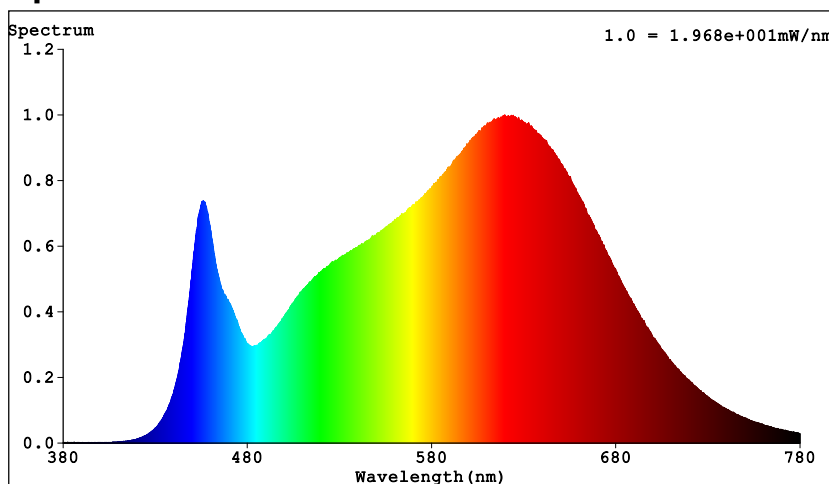
Date : 2025-09-18 15:35:13
Sam Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 53598 (82%)
T : 435 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4218$ $y = 0.3885$ / $u' = 0.2474$ $v' = 0.5128$ ($duv = -4.14e-03$)

CCT= 3141K Prcp WL: $L_d = 583.9nm$ Purity=43.2%

Peak WL: $L_p = 620nm$ FWHM: $= 167.0nm$ Ratio: R=24.1% G=72.3% B=3.5%

Render Index: $R_a = 94.8$ TM30: $R_f = 92$ $R_g = 101$

R1 =97 R2 =99 R3 =97 R4 =95 R5 =97 R6 =95 R7 =92

R8 =87 R9 =74 R10=99 R11=96 R12=80 R13=99 R14=100 R15=95

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 987.13 lm Eff. : 85.48 lm/W $F_e = 3.5078 W$

(EQE):1622.7%

Kred: 0.16531

Electrical parameters

V = 119.9 V I = 0.1026 A P = 11.55 W PF = 0.9382

Freq=60.01 Hz

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Instrument numberN-01

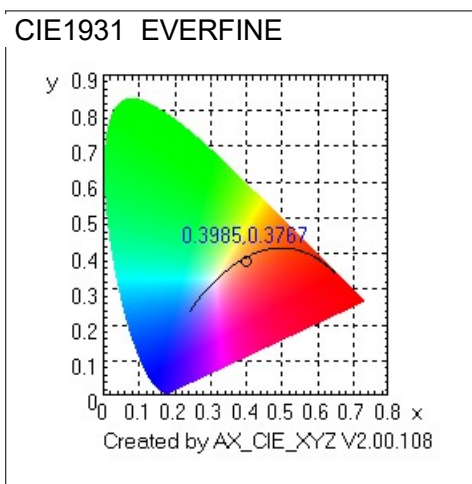
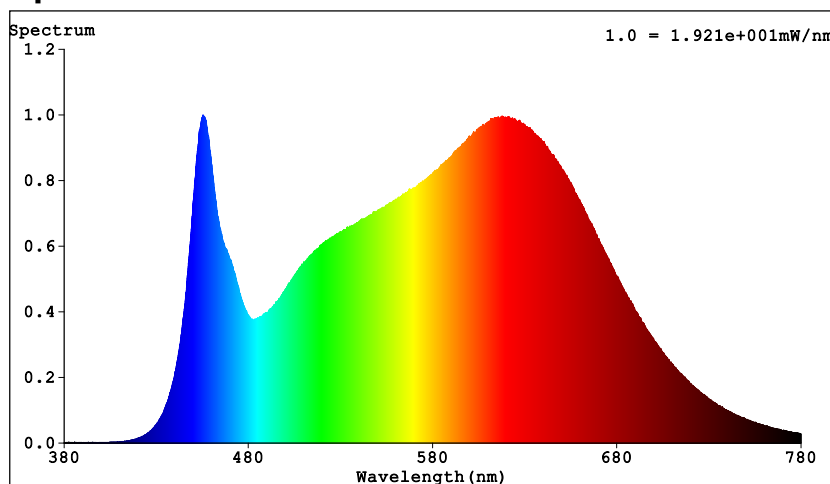
Date : 2025-09-18 15:35:26
Sam Status:
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 53331 (81%)
T : 435 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3985$ $y = 0.3767$ / $u' = 0.2371$ $v' = 0.5043$ ($duv = -4.76e-03$)

CCT= 3537K Prcp WL: $L_d = 583.1nm$ Purity=32.7%

Peak WL: $L_p = 455nm$ FWHM: =26.8nm Ratio:R=22.4% G=73.4% B=4.2%

Render Index: $R_a = 95.1$ TM30:Rf=92 Rg=100

R1 =98 R2 =98 R3 =97 R4 =95 R5 =96 R6 =94 R7 =92

R8 =89 R9 =79 R10=98 R11=96 R12=77 R13=99 R14=100 R15=97

WHITE:ANSI_3500K

Photometric & Radiometric Parameters

Flux = 1039.7 lm Eff. : 91.69 lm/W $F_e = 3.6771 W$

(EQE):1706.1%

Kred: 0.15216

Electrical parameters

V = 119.9 V I = 0.1010 A P = 11.34 W PF = 0.9362

Freq=60.01 Hz

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Instrument numberN-01

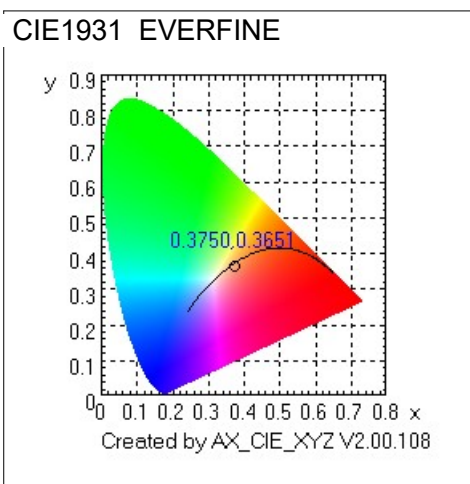
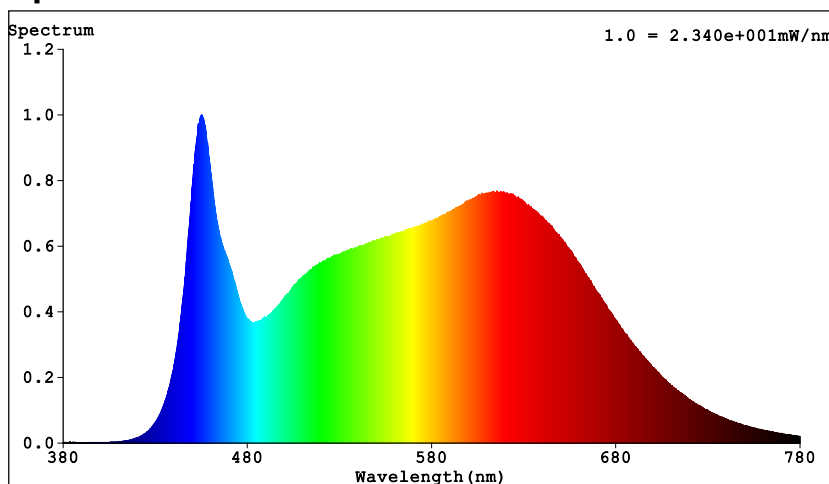
Date : 2025-09-18 15:35:45
Sam Status:
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 52351 (80%)
T : 352 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3750$ $y = 0.3651$ / $u' = 0.2262$ $v' = 0.4955$ ($duv = -3.92e-03$)

CCT= 4068K Prcp WL: $L_d = 581.4\text{nm}$ Purity=22.1%

Peak WL: $L_p = 455\text{nm}$ FWHM: =26.6nm Ratio:R=20.4% G=74.8% B=4.9%

Render Index: $R_a = 95.0$ TM30:Rf=91 Rg=100

R1 =97 R2 =98 R3 =98 R4 =94 R5 =95 R6 =94 R7 =93

R8 =90 R9 =81 R10=99 R11=96 R12=73 R13=99 R14=100 R15=96

WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1069.5 lm Eff. : 93.62 lm/W $F_e = 3.7524\text{ W}$

(EQE):1704.3%

Kred: 0.13724

Electrical parameters

$V = 119.9\text{ V}$ $I = 0.1017\text{ A}$ $P = 11.42\text{ W}$ PF = 0.9370

Freq=60.01 Hz

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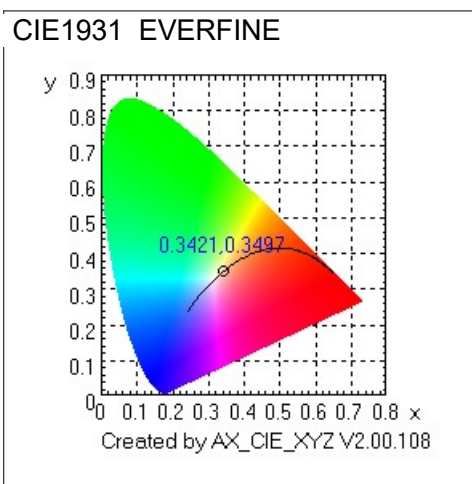
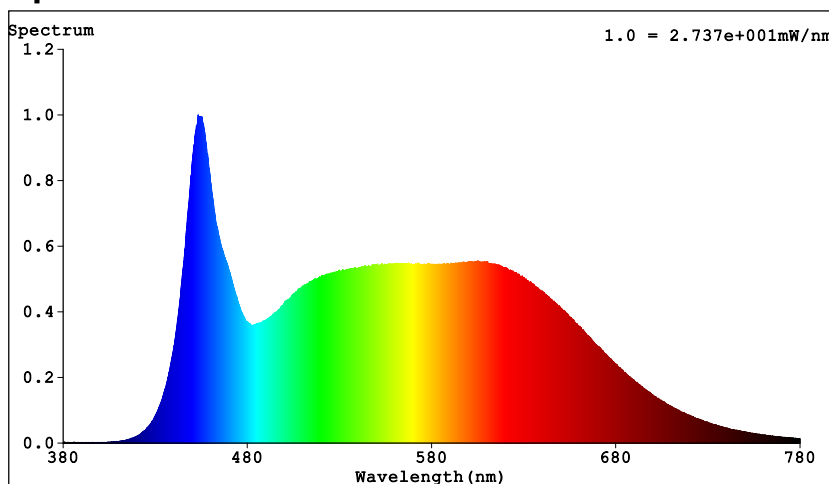
Date : 2025-09-18 15:36:04
Sam Status:
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 53702 (82%)
T : 311 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3421$ $y = 0.3497$ / $u' = 0.2101$ $v' = 0.4833$ ($duv=2.38e-04$)

CCT= 5110K Prcp WL: $L_d=570.8nm$ Purity=7.6%

Peak WL: $L_p=453nm$ FWHM: $=27.0nm$ Ratio:R=17.3% G=77.0% B=5.7%

Render Index: $R_a = 93.7$ TM30:Rf=91 Rg=99

R1 =95 R2 =98 R3 =97 R4 =93 R5 =94 R6 =94 R7 =93

R8 =87 R9 =69 R10=94 R11=94 R12=72 R13=97 R14=99 R15=93

WHITE:ANSI_5000K

Photometric & Radiometric Parameters

Flux = 1041.3 lm Eff. : 88.54 lm/W $Fe = 3.5961 W$

(EQE):1554.7%

Kred: 0.11376

Electrical parameters

$V = 119.9 V$ $I = 0.1043 A$ $P = 11.76 W$ PF = 0.9402

Freq=60.01 Hz

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