

Spectrum Test Report

Sample : LED flood light
 Specification : TX-FL-PRO-200W-CW
 Sample No. : 72
 Manufacturer : EVERFINE

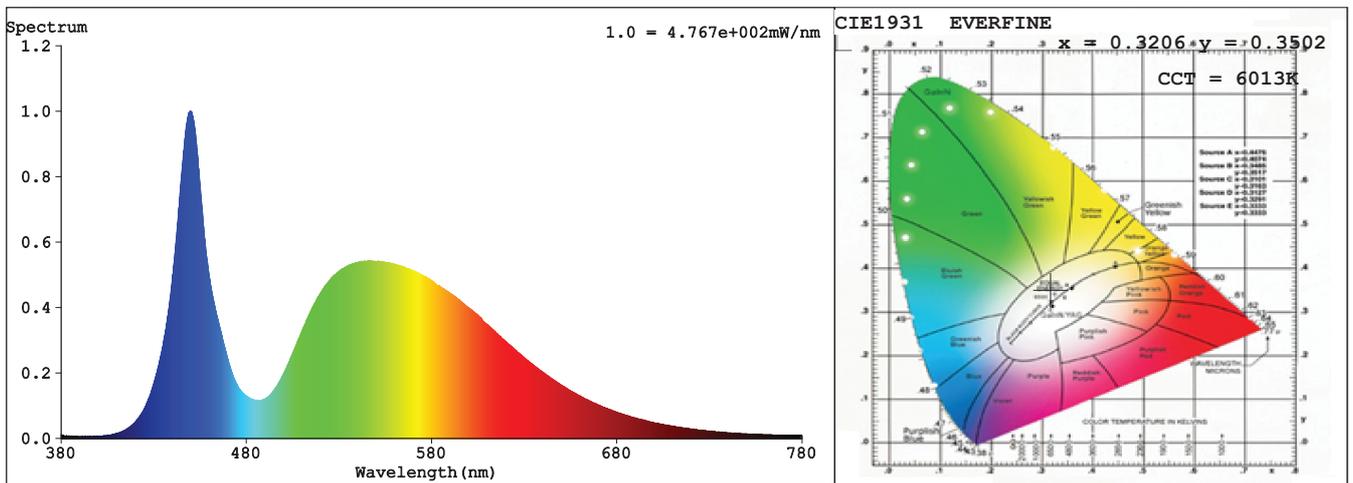
Date : 2014-12-09 10:37:06
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : DAMIN

Test Condition

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

RH : 65.0%
 IP : 40873 (62%)
 T : 97 ms
 Delicacy : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.3206, y = 0.3502 / u' = 0.1954, v' = 0.4804$ (duv=9.97e-03)
 CCT= 6013K Prcp WL: Ld=510.3nm Purity=4.0%
 Peak WL: Lp=450nm FWHM: =19.5nm Ratio:R=11.9% G=84.4% B=3.6%

Render Index: Ra = 70.5

R1 =66 R2 =74 R3 =80 R4 =71 R5 =68 R6 =66 R7 =82
 R8 =57 R9 =0 R10=39 R11=66 R12=37 R13=67 R14=89 R15=61

Photometric & Radiometric Quantities

Flux = 19553 lm Eff. : 96.51 lm/W Fe = 58.522 W
 Flux of emitted photons(umol/s):264.81 Flu. and blue light ratio:2.622 Fluorescent eff.:203.8

Electrical parameters

V = 220.1 V I = 0.9443 A P = 202.6 W PF = 0.9746

Spectrum Test Report

Sample : LED flood light
 Specification : TX-FL-PRO-200W-CW
 Sample No. : 75
 Manufacturer : EVERFINE

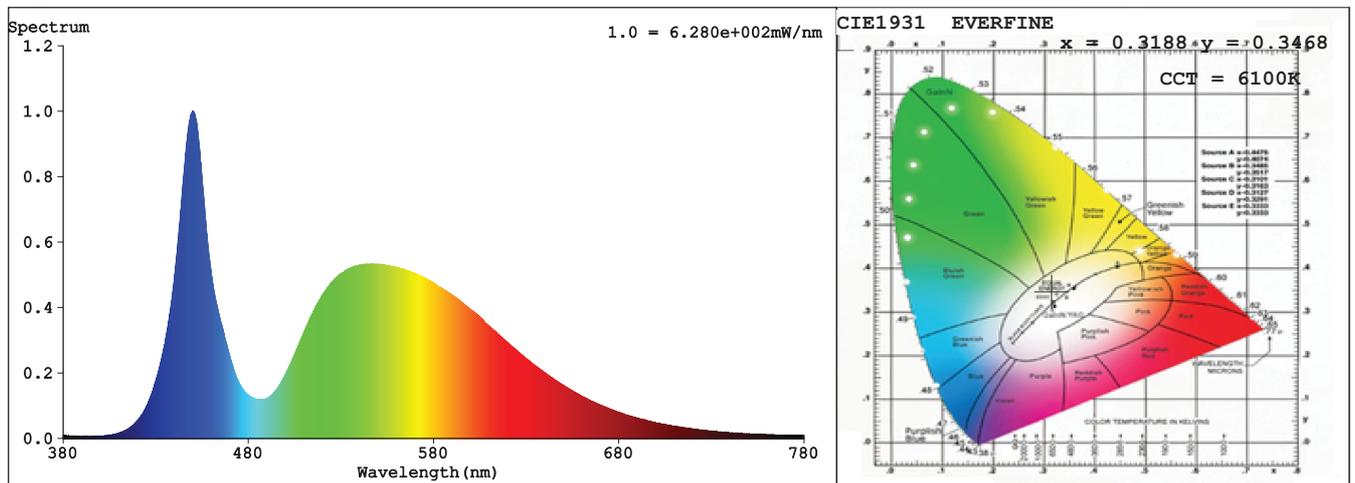
Date : 2014-12-09 10:41:19
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : DAMIN

Test Condition

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

RH : 65.0%
 IP : 52787 (81%)
 T : 97 ms
 Delicacy : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.3188, y = 0.3468 / u' = 0.1955, v' = 0.4784$ (duv=9.12e-03)
 CCT= 6100K Prcp WL: Ld=504.3nm Purity=4.4%
 Peak WL: Lp=450nm FWHM: =19.8nm Ratio:R=11.9% G=84.3% B=3.8%

Render Index: Ra = 71.1

R1 =67 R2 =75 R3 =80 R4 =71 R5 =69 R6 =66 R7 =83
 R8 =58 R9 =0 R10=40 R11=67 R12=38 R13=68 R14=89 R15=62

Photometric & Radiometric Quantities

Flux = 19546 lm Eff. : 96.10 lm/W Fe = 59.016 W
 Flux of emitted photons(umol/s):266.75 Flu. and blue light ratio:2.540 Fluorescent eff.:203.4

Electrical parameters

V = 220.1 V I = 0.9461 A P = 203.4 W PF = 0.9765

Spectrum Test Report

Sample : LED flood light
 Specification : TX-FL-PRO-200W-CW
 Sample No. : 78
 Manufacturer : EVERFINE

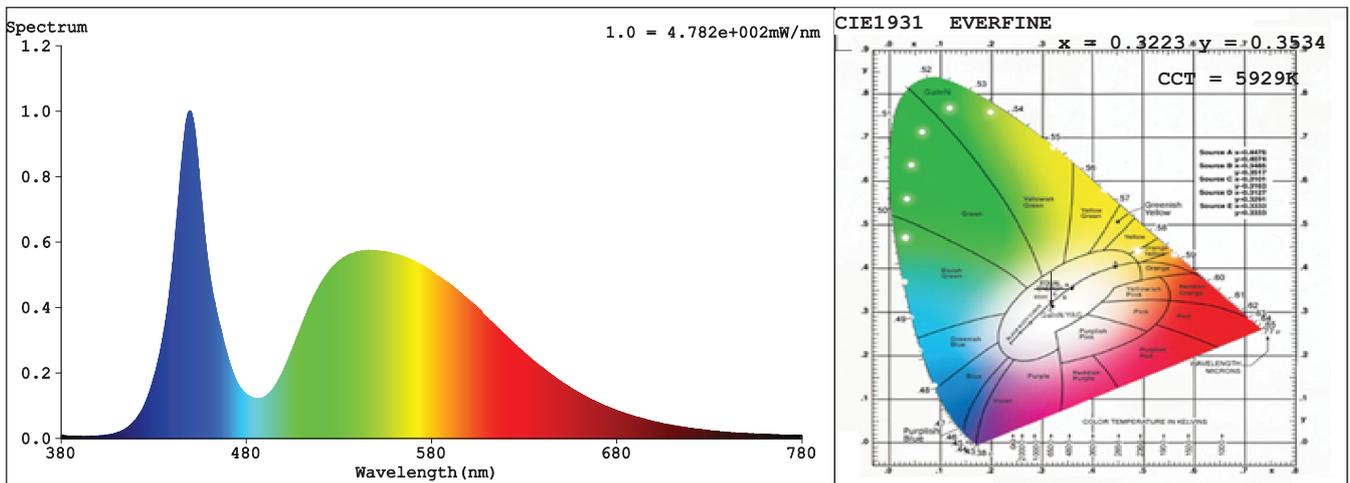
Date : 2014-12-09 10:44:50
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : DAMIN

Test Condition

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

RH : 65.0%
 IP : 52322 (80%)
 T : 117 ms
 Delicacy : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.3223, y = 0.3534 / u' = 0.1954, v' = 0.4822$ (duv=1.07e-02)
 CCT= 5929K Prcp WL: Ld=518.0nm Purity=4.0%
 Peak WL: Lp=450nm FWHM: =20.6nm Ratio:R=11.9% G=84.5% B=3.6%

Render Index: Ra = 70.1

R1 =66 R2 =74 R3 =80 R4 =70 R5 =67 R6 =65 R7 =82
 R8 =56 R9 =0 R10=38 R11=66 R12=37 R13=67 R14=89 R15=60

Photometric & Radiometric Quantities

Flux = 19979 lm Eff. : 98.99 lm/W Fe = 59.480 W
 Flux of emitted photons(umol/s):269.43 Flu. and blue light ratio:2.683 Fluorescent eff.:209.3

Electrical parameters

V = 220.1 V I = 0.9408 A P = 201.8 W PF = 0.9745

Spectrum Test Report

Sample : LED flood light
 Specification : TX-FL-PRO-200W-CW
 Sample No. : 79
 Manufacturer : EVERFINE

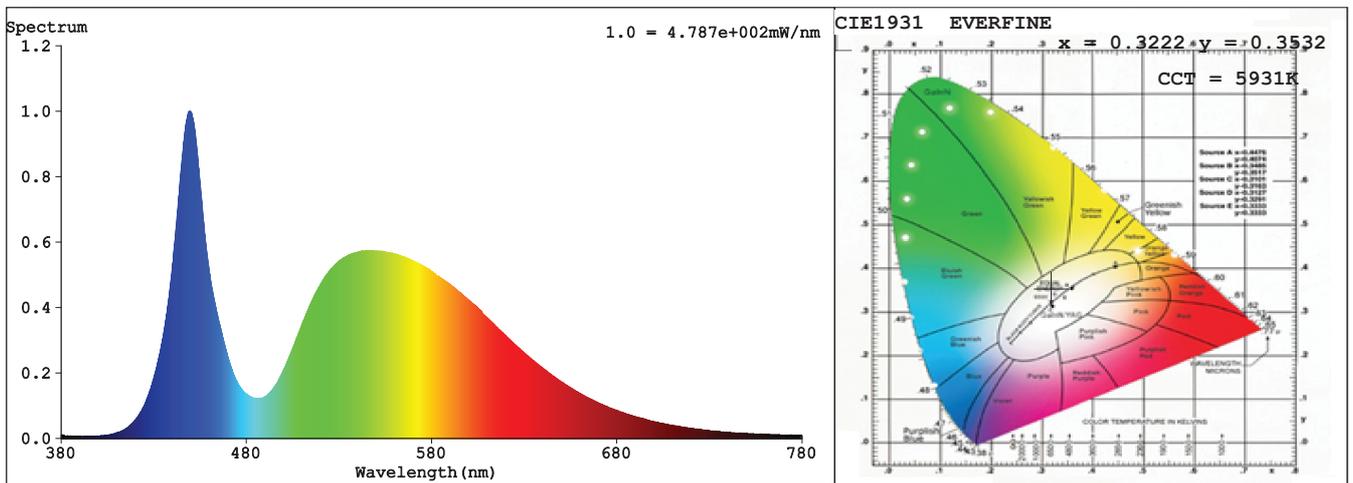
Date : 2014-12-09 10:45:08
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : DAMIN

Test Condition

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

RH : 65.0%
 IP : 52379 (80%)
 T : 117 ms
 Delicacy : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.3222, y = 0.3532, u' = 0.1954, v' = 0.4821$ (duv=1.07e-02)
 CCT= 5931K Prcp WL: Ld=517.7nm Purity=4.0%
 Peak WL: Lp=450nm FWHM: =20.7nm Ratio:R=11.9% G=84.5% B=3.6%

Render Index: Ra = 70.2

R1 =66 R2 =74 R3 =80 R4 =70 R5 =67 R6 =65 R7 =82
 R8 =57 R9 =0 R10=38 R11=66 R12=37 R13=67 R14=89 R15=60

Photometric & Radiometric Quantities

Flux = 19982 lm Eff. : 99.05 lm/W Fe = 59.512 W
 Flux of emitted photons(umol/s):269.57 Flu. and blue light ratio:2.682 Fluorescent eff.:209.4

Electrical parameters

V = 220.2 V I = 0.9403 A P = 201.7 W PF = 0.9745