

Spectrum Test Report

Sample :
 Specification : 10aSA-A1521ST-Q1-16 13.7W
 Sample No. : C2032681A001
 Manufacturer : EVERFINE

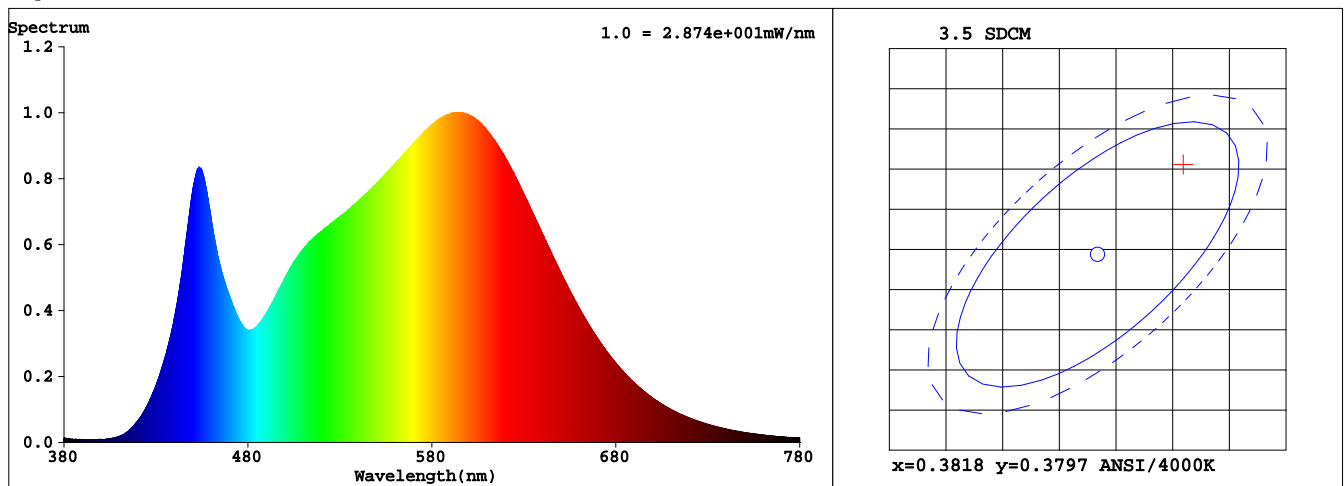
Date : 2020-08-13 14:39:19
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : 黄舒婷
 Assessor : damin

Test Condition

Temperature : 25.1Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 45%
 IP : 53345 (81%)
 T : 60 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3883$ $y = 0.3887$ / $u' = 0.2255$ $v' = 0.5079$ ($duv=3.26e-03$)

CCT= 3883K Prcp WL: Ld=578.0nm Purity=33.2%

Peak WL: Lp=594nm FWHM: =151.0nm Ratio:R=18.5% G=77.8% B=3.7%

Render Index: Ra = 83.1

R1 =81 R2 =90 R3 =97 R4 =81 R5 =81 R6 =87 R7 =86

R8 =63 R9 =6 R10=77 R11=80 R12=66 R13=83 R14=98 R15=74

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1673.7 lm Eff. : 129.06 lm/W Fe = 5.0489 W

Flux of emitted photons(umol/s):23.826 Fluo. and blue light ratio:5.284 Fluorescent eff.:178.9

Electrical parameters

V = 230.1 V I = 0.1032 A P = 12.97 W PF = 0.5463

Spectrum Test Report

Sample :
 Specification : 10aSA-A1521ST-Q1-16 13.7W
 Sample No. : C2032681A002
 Manufacturer : EVERFINE

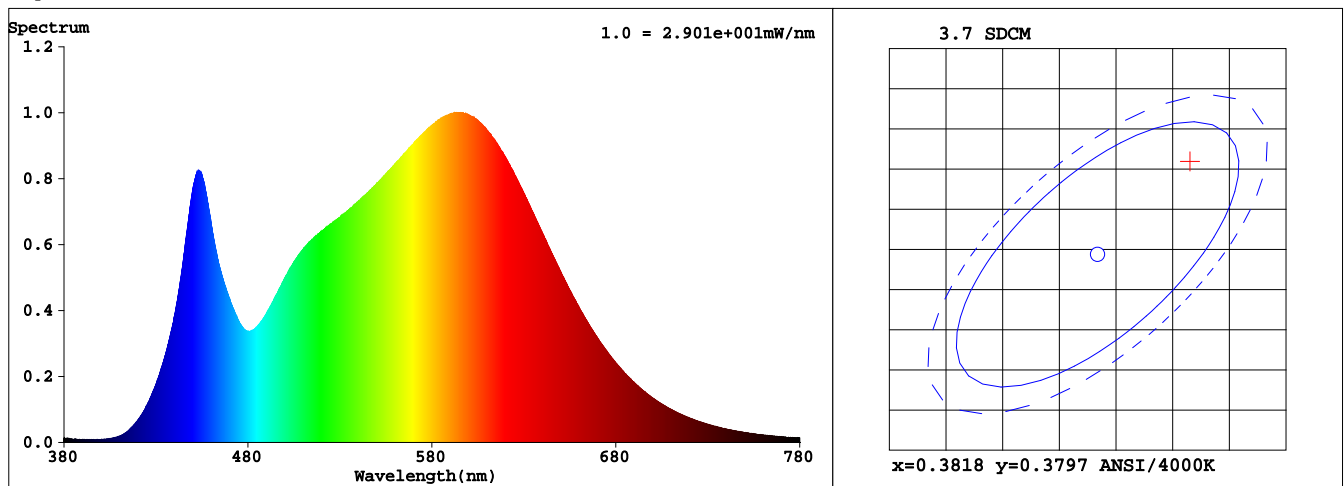
Date : 2020-08-13 14:41:43
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : 黄舒婷
 Assessor : damin

Test Condition

Temperature : 25.0Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 45%
 IP : 53794 (82%)
 T : 60 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3888$ $y = 0.3890$ / $u' = 0.2257$ $v' = 0.5081$ ($duv=3.25e-03$)

CCT= 3873K Prcp WL: Ld=578.0nm Purity=33.4%

Peak WL: Lp=593nm FWHM: =151.2nm Ratio:R=18.5% G=77.8% B=3.7%

Render Index: Ra = 83.2

R1 =81 R2 =90 R3 =97 R4 =81 R5 =81 R6 =87 R7 =86
 R8 =63 R9 =6 R10=77 R11=80 R12=66 R13=83 R14=98 R15=74

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1688.0 lm Eff. : 129.92 lm/W Fe = 5.0922 W

Flux of emitted photons(umol/s):24.036 Fluo. and blue light ratio:5.314 Fluorescent eff.:180.5

Electrical parameters

V = 230.1 V I = 0.1032 A P = 12.99 W PF = 0.5469

Spectrum Test Report

Sample :
 Specification : 10aSA-A1521ST-Q1-16 13.7W
 Sample No. : C2032681A003
 Manufacturer : EVERFINE

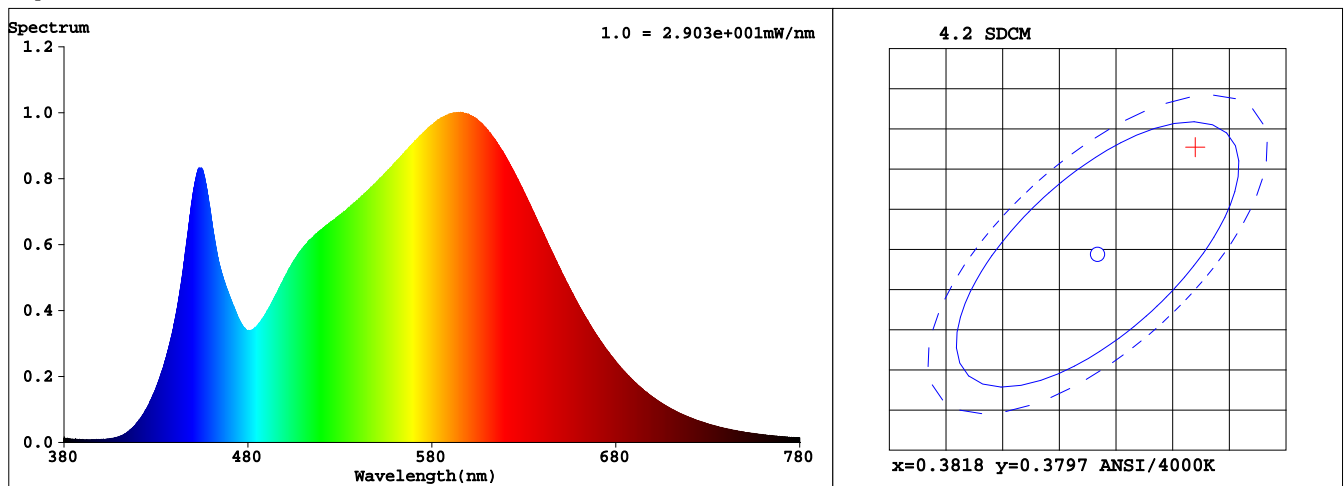
Date : 2020-08-13 14:44:01
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : 黄舒婷
 Assessor : damin

Test Condition

Temperature : 24.8Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 45%
 IP : 53839 (82%)
 T : 60 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3892$ $y = 0.3904$ / $u' = 0.2254$ $v' = 0.5087$ ($duv=3.78e-03$)

CCT= 3873K Prcp WL: Ld=577.8nm Purity=34.0%

Peak WL: Lp=596nm FWHM: =151.8nm Ratio:R=18.5% G=77.8% B=3.7%

Render Index: Ra = 83.2

R1 =81 R2 =90 R3 =97 R4 =81 R5 =81 R6 =87 R7 =86
 R8 =63 R9 =7 R10=77 R11=80 R12=65 R13=83 R14=98 R15=74

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 1695.9 lm Eff. : 129.42 lm/W Fe = 5.1112 W

Flux of emitted photons(umol/s):24.144 Fluo. and blue light ratio:5.397 Fluorescent eff.:180.4

Electrical parameters

V = 230.1 V I = 0.1039 A P = 13.10 W PF = 0.5480