

Spectrum Test Report

Sample :
 Specification : 10aSA-A1521ST-Q1-15 13.7W
 Sample No. : C2032683A001
 Manufacturer : EVERFINE

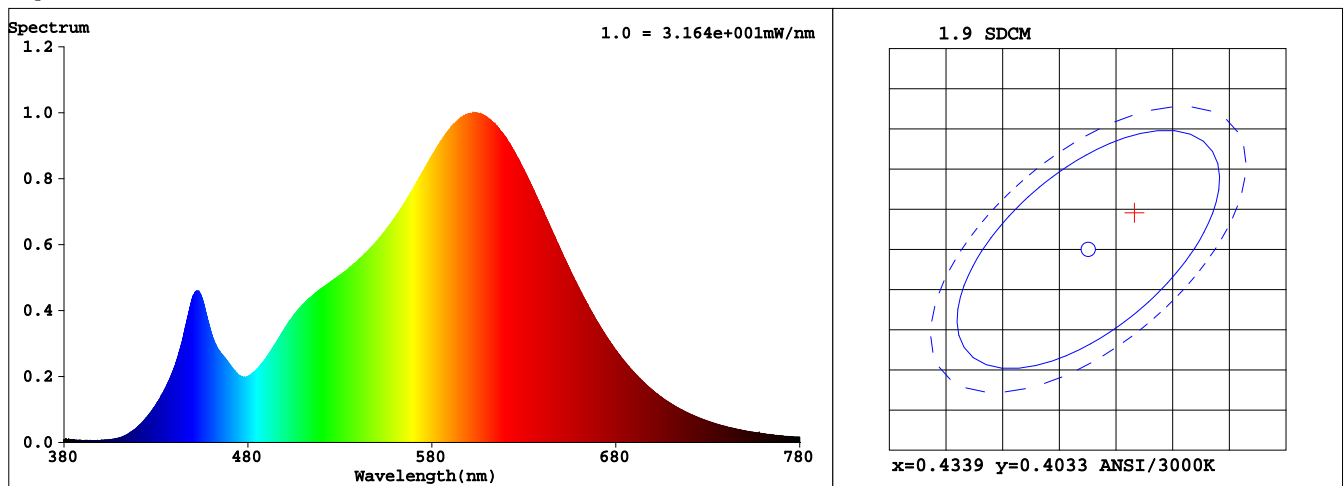
Date : 2020-08-13 14:19:22
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : 黄舒婷
 Assessor : damin

Test Condition

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

RH : 45%
 IP : 49484 (76%)
 T : 50 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4374$ $y = 0.4069$ / $u' = 0.2496$ $v' = 0.5226$ ($duv=1.07e-03$)

CCT= 3016K Prcp WL: $L_d=582.4nm$ Purity=53.4%

Peak WL: $L_p=602nm$ FWHM: $=128.6nm$ Ratio:R=22.8% G=74.6% B=2.6%

Render Index: $R_a = 83.1$

R1 =81 R2 =91 R3 =97 R4 =82 R5 =82 R6 =90 R7 =83

R8 =59 R9 =7 R10=80 R11=81 R12=74 R13=84 R14=99 R15=73

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1582.5 lm Eff. : 120.70 lm/W $F_e = 4.8215 W$

Flux of emitted photons($\mu mol/s$):23.396 Fluo. and blue light ratio:9.012 Fluorescent eff.:181.7

Electrical parameters

$V = 230.1 V$ $I = 0.1038 A$ $P = 13.11 W$ PF = 0.5488

Spectrum Test Report

Sample :
 Specification : 10aSA-A1521ST-Q1-15 13.7W
 Sample No. : C2032683A002
 Manufacturer : EVERFINE

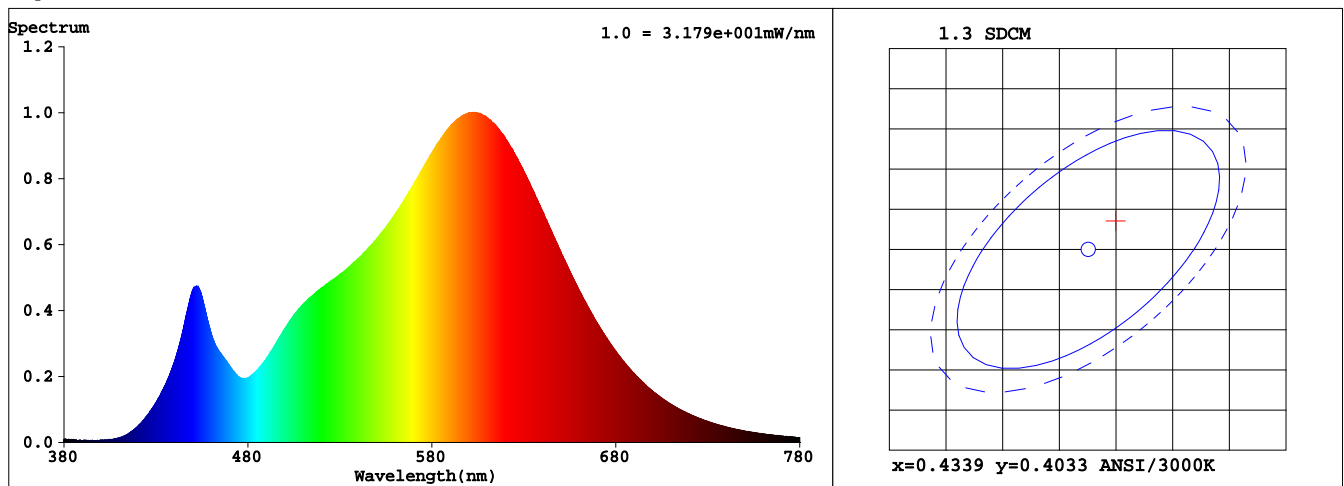
Date : 2020-08-13 14:21:44
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : 黄舒婷
 Assessor : damin

Test Condition

Temperature : 25.2Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 45%
 IP : 49701 (76%)
 T : 50 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4360$ $y = 0.4061$ / $u' = 0.2491$ $v' = 0.5220$ ($duv=9.52e-04$)

CCT= 3033K Prcp WL: Ld=582.3nm Purity=52.8%

Peak WL: Lp=602nm FWHM: =128.6nm Ratio:R=22.6% G=74.8% B=2.6%

Render Index: Ra = 82.6

R1 =81 R2 =91 R3 =97 R4 =81 R5 =81 R6 =89 R7 =83

R8 =59 R9 =6 R10=79 R11=80 R12=73 R13=83 R14=99 R15=73

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1599.5 lm Eff. : 121.43 lm/W Fe = 4.8582 W

Flux of emitted photons(umol/s):23.549 Fluo. and blue light ratio:8.893 Fluorescent eff.:182.4

Electrical parameters

V = 230.1 V I = 0.1041 A P = 13.17 W PF = 0.5499

Spectrum Test Report

Sample :
 Specification : 10aSA-A1521ST-Q1-15 13.7W
 Sample No. : C2032683A003
 Manufacturer : EVERFINE

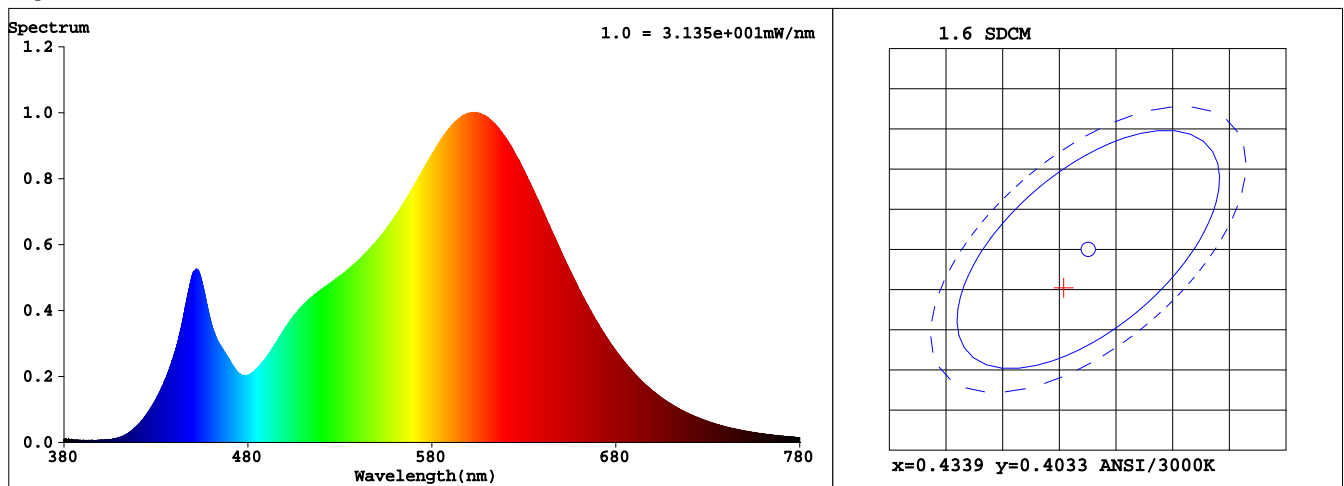
Date : 2020-08-13 14:23:39
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : 黄舒婷
 Assessor : damin

Test Condition

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

RH : 45%
 IP : 49034 (75%)
 T : 50 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4320$ $y = 0.3995$ / $u' = 0.2494$ $v' = 0.5188$ ($duv = -1.17e-03$)

CCT= 3046K Prcp WL: Ld=583.0nm Purity=49.6%

Peak WL: Lp=603nm FWHM: =127.7nm Ratio:R=22.7% G=74.5% B=2.7%

Render Index: Ra = 83.1

R1 =82 R2 =92 R3 =96 R4 =81 R5 =82 R6 =90 R7 =83

R8 =60 R9 =9 R10=81 R11=81 R12=76 R13=84 R14=98 R15=74

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1570.8 lm Eff. : 120.83 lm/W Fe = 4.8297 W

Flux of emitted photons(umol/s):23.367 Fluo. and blue light ratio:8.135 Fluorescent eff.:181.1

Electrical parameters

V = 230.1 V I = 0.1032 A P = 13.00 W PF = 0.5473