

Spectrum Test Report

Sample :
 Specification : 8bSA-M550ST-Q1-04 6.5W
 Sample No. : C2032311A001
 Manufacturer : EVERFINE

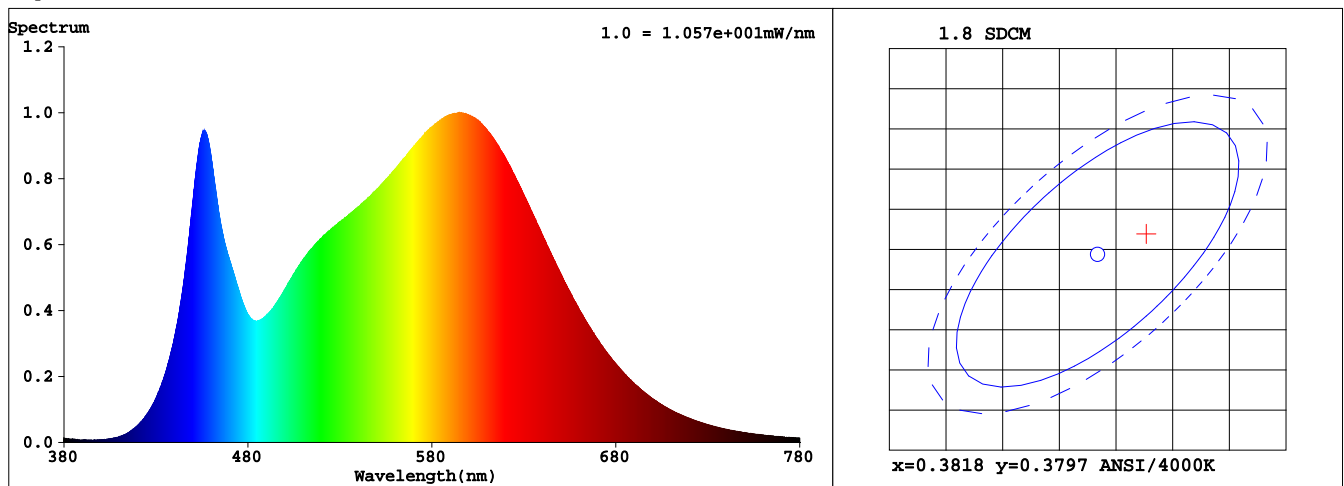
Date : 2020-08-11 17:58:45
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : 刘盼盼
 Assessor : damin

Test Condition

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

RH : 45%
 IP : 51008 (78%)
 T : 160 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3855$ $y = 0.3817$ / $u' = 0.2264$ $v' = 0.5045$ ($duv=8.74e-04$)

CCT= 3903K Prcp WL: Ld=579.0nm Purity=30.3%

Peak WL: Lp=595nm FWHM: =147.0nm Ratio:R=18.7% G=77.3% B=4.0%

Render Index: Ra = 83.6

R1 =82 R2 =92 R3 =96 R4 =80 R5 =82 R6 =89 R7 =84

R8 =63 R9 =9 R10=81 R11=79 R12=65 R13=85 R14=98 R15=76

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 600.86 lm Eff. : 95.44 lm/W Fe = 1.8330 W

Flux of emitted photons(umol/s):8.6399 Flu. and blue light ratio:4.602 Fluorescent eff.:131.6

Electrical parameters

V = 230.0 V I = 0.04975 A P = 6.296 W PF = 0.5502

Spectrum Test Report

Sample :
 Specification : 8bSA-M550ST-Q1-04 6.5W
 Sample No. : C2032311A002
 Manufacturer : EVERFINE

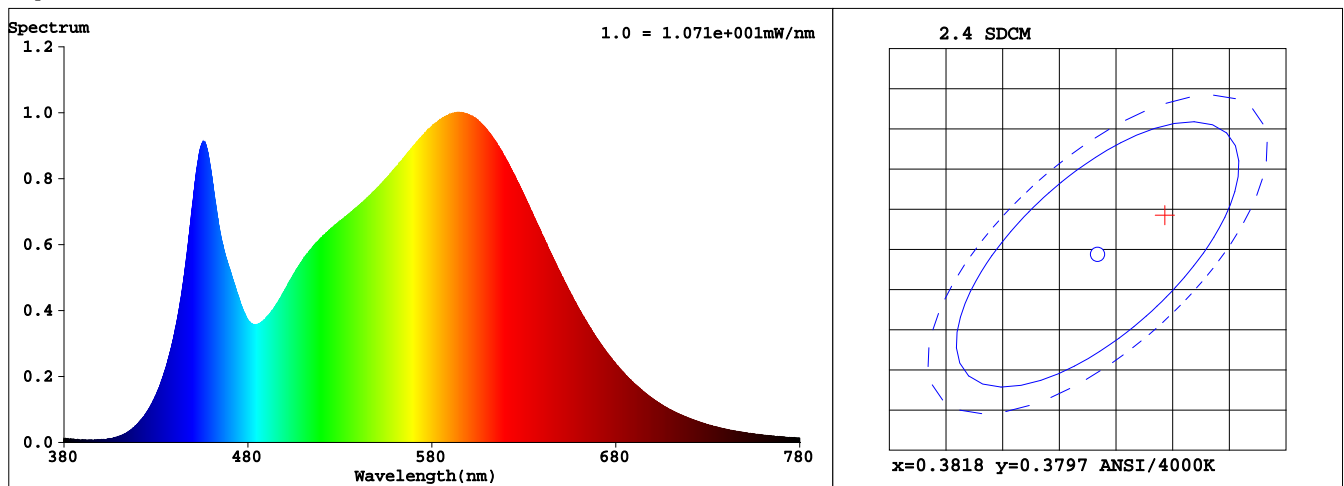
Date : 2020-08-11 18:00:29
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : 刘盼盼
 Assessor : damin

Test Condition

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

RH : 45%
 IP : 51773 (79%)
 T : 160 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3869$ $y = 0.3836$ / $u' = 0.2266$ $v' = 0.5055$ ($duv=1.34e-03$)

CCT= 3881K Prcp WL: Ld=578.8nm Purity=31.2%

Peak WL: Lp=594nm FWHM: =146.9nm Ratio:R=18.7% G=77.4% B=3.9%

Render Index: Ra = 83.3

R1 =82 R2 =92 R3 =96 R4 =80 R5 =82 R6 =88 R7 =85

R8 =63 R9 =8 R10=79 R11=79 R12=65 R13=84 R14=98 R15=75

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 609.44 lm Eff. : 94.41 lm/W Fe = 1.8519 W

Flux of emitted photons(umol/s):8.7343 Fluo. and blue light ratio:4.754 Fluorescent eff.:129.8

Electrical parameters

V = 230.0 V I = 0.05127 A P = 6.455 W PF = 0.5474

Spectrum Test Report

Sample :
 Specification : 8bSA-M550ST-Q1-04 6.5W
 Sample No. : C2032311A003
 Manufacturer : EVERFINE

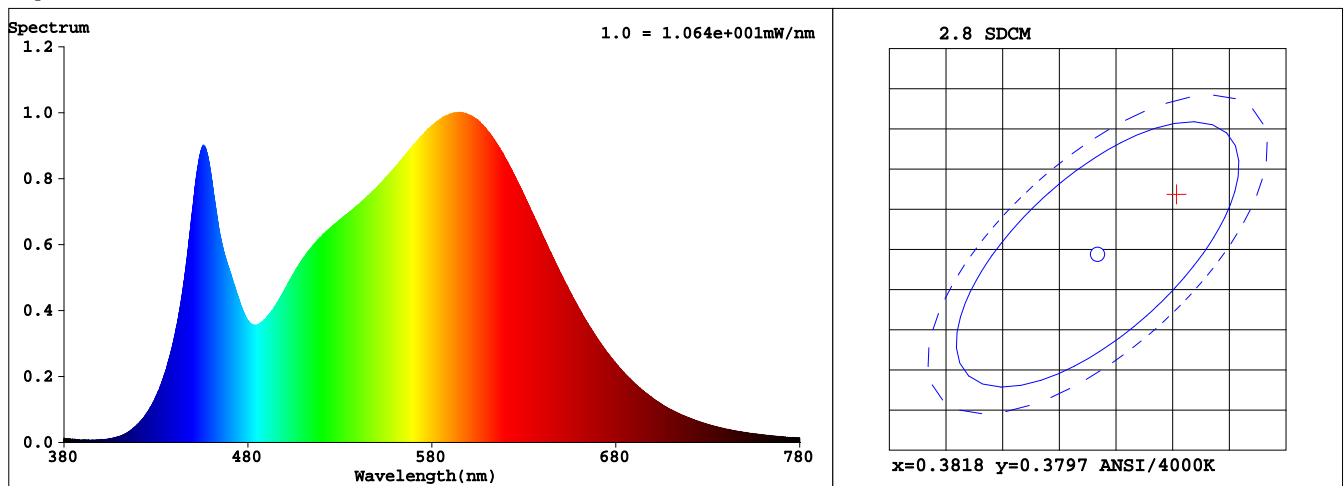
Date : 2020-08-11 18:11:55
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : 刘盼盼
 Assessor : damin

Test Condition

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

RH : 45%
 IP : 51519 (79%)
 T : 160 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3878$ $y = 0.3857$ / $u' = 0.2264$ $v' = 0.5065$ ($duv=2.04e-03$)

CCT= 3874K Prcp WL: Ld=578.5nm Purity=32.1%

Peak WL: Lp=595nm FWHM: =147.2nm Ratio:R=18.6% G=77.5% B=3.9%

Render Index: Ra = 83.1

R1 =81 R2 =91 R3 =96 R4 =80 R5 =81 R6 =88 R7 =85

R8 =63 R9 =7 R10=79 R11=78 R12=64 R13=84 R14=98 R15=75

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 607.04 lm Eff. : 95.34 lm/W Fe = 1.8388 W

Flux of emitted photons(umol/s):8.6783 Flu. and blue light ratio:4.907 Fluorescent eff.:131.1

Electrical parameters

V = 230.0 V I = 0.05068 A P = 6.367 W PF = 0.5462