

Spectrum Test Report

Sample :
 Specification : 10aSA-P806ST-A1-08 7.5W
 Sample No. : C2033200A001
 Manufacturer : EVERFINE

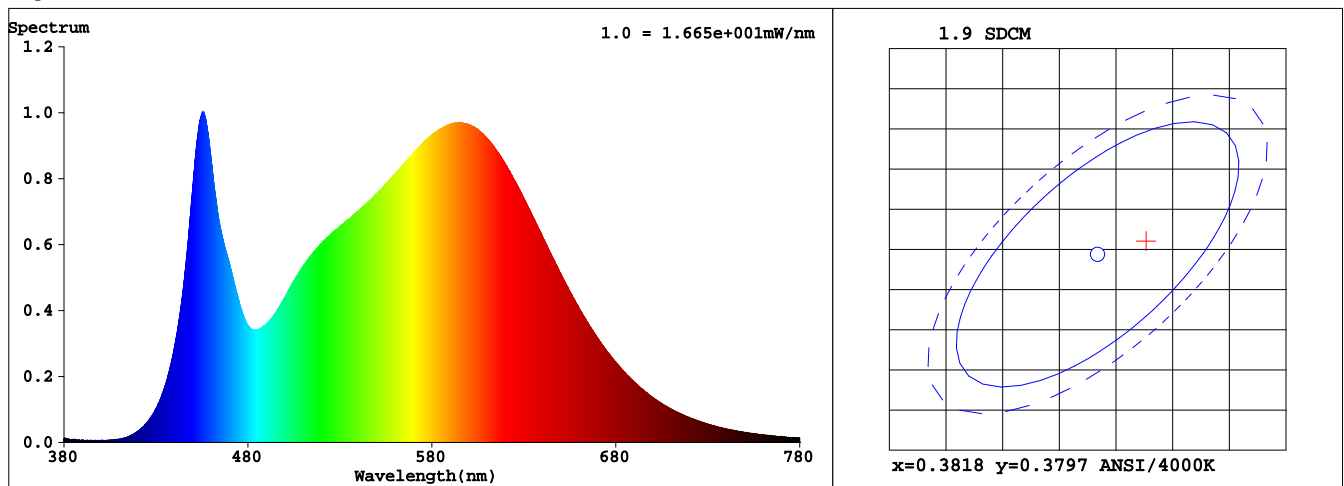
Date : 2020-08-15 21:57:35
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : 刘盼盼
 Assessor : damin

Test Condition

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

RH : 45%
 IP : 48913 (75%)
 T : 100 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3855$ $y = 0.3810$ / $u' = 0.2267$ $v' = 0.5042$ ($duv=5.49e-04$)

CCT= 3898K Prcp WL: $L_d=579.2nm$ Purity=30.0%

Peak WL: $L_p=456nm$ FWHM: $=26.4nm$ Ratio:R=18.7% G=77.3% B=3.9%

Render Index: $R_a = 83.6$

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

R8 =64 R9 =12 R10=80 R11=78 R12=63 R13=85 R14=98 R15=76

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 925.80 lm Eff. : 126.80 lm/W $F_e = 2.8321 W$

Flux of emitted photons($\mu mol/s$):13.372 Fluo. and blue light ratio:4.729 Fluorescent eff.:180.6

Electrical parameters

$V = 230.0 V$ $I = 0.05629 A$ $P = 7.301 W$ PF = 0.5640

Spectrum Test Report

Sample :
 Specification : 10aSA-P806ST-A1-08 7.5W
 Sample No. : C2033200A002
 Manufacturer : EVERFINE

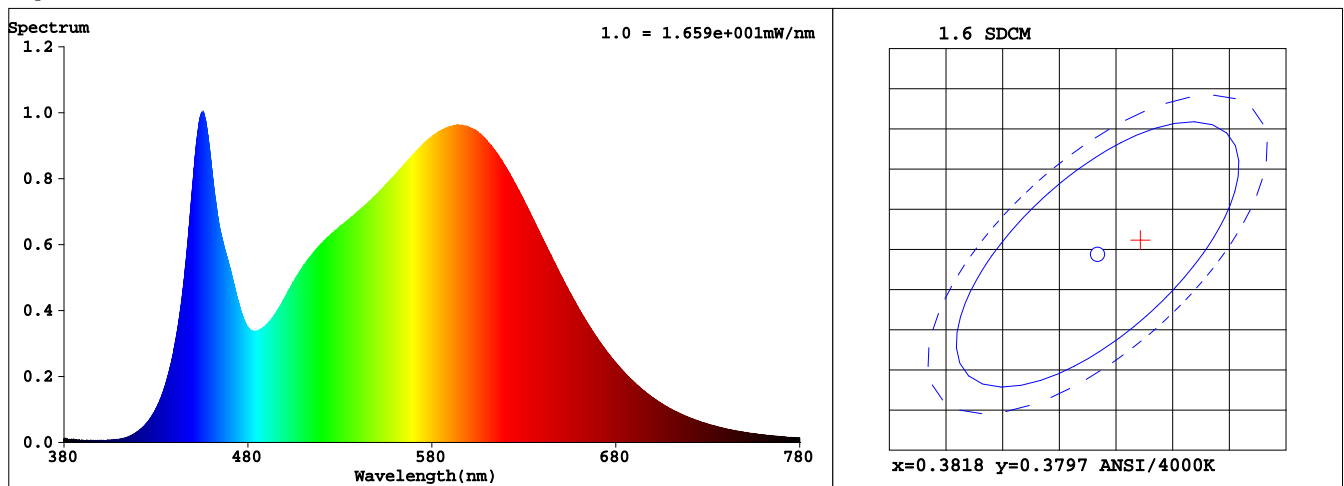
Date : 2020-08-15 21:59:36
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : 刘盼盼
 Assessor : damin

Test Condition

Temperature : 24.7Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 45%
 IP : 48422 (74%)
 T : 100 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3850$ $y = 0.3811$ / $u' = 0.2264$ $v' = 0.5042$ ($duv=7.12e-04$)

CCT= 3910K Prcp WL: Ld=579.0nm Purity=29.9%

Peak WL: Lp=455nm FWHM: =26.1nm Ratio:R=18.7% G=77.4% B=3.9%

Render Index: Ra = 83.5

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

R8 =64 R9 =11 R10=80 R11=78 R12=63 R13=85 R14=98 R15=76

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 917.71 lm Eff. : 127.20 lm/W Fe = 2.8050 W

Flux of emitted photons(umol/s):13.242 Fluo. and blue light ratio:4.772 Fluorescent eff.:180.7

Electrical parameters

V = 230.0 V I = 0.05582 A P = 7.215 W PF = 0.5620

Spectrum Test Report

Sample :
 Specification : 10aSA-P806ST-A1-08 7.5W
 Sample No. : C2033200A003
 Manufacturer : EVERFINE

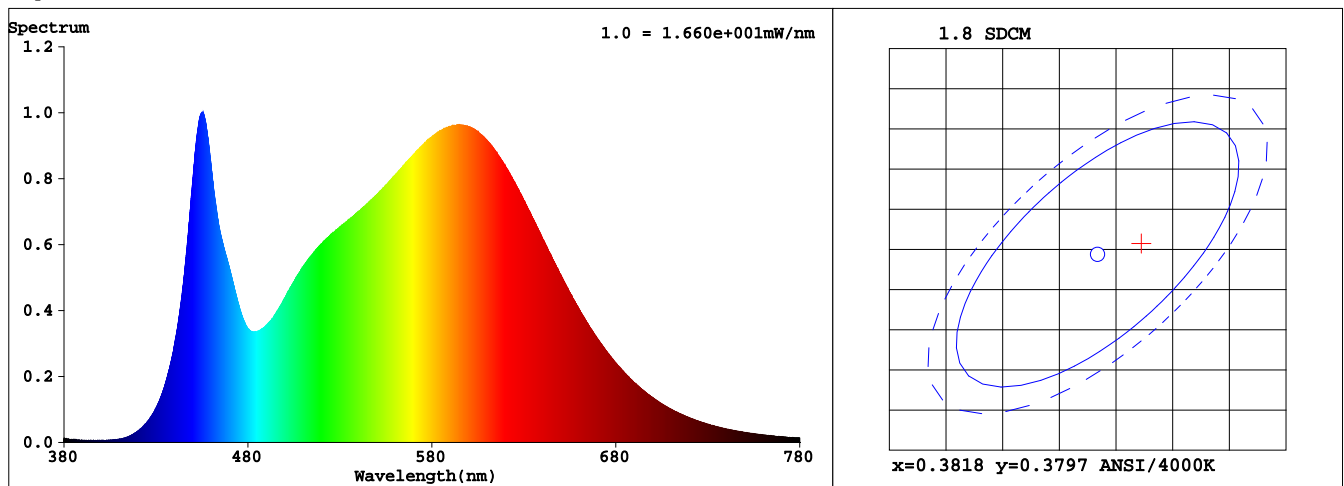
Date : 2020-08-15 22:02:17
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : 刘盼盼
 Assessor : damin

Test Condition

Temperature : 24.5Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 45%
 IP : 48452 (74%)
 T : 100 ms
 Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3851$ $y = 0.3808$ / $u' = 0.2266$ $v' = 0.5040$ ($duv=5.37e-04$)

CCT= 3906K Prcp WL: Ld=579.2nm Purity=29.9%

Peak WL: Lp=455nm FWHM: =26.0nm Ratio:R=18.7% G=77.4% B=3.9%

Render Index: Ra = 83.6

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

R8 =64 R9 =11 R10=80 R11=79 R12=63 R13=85 R14=98 R15=76

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 918.38 lm Eff. : 127.42 lm/W Fe = 2.8085 W

Flux of emitted photons(umol/s):13.258 Fluo. and blue light ratio:4.747 Fluorescent eff.:180.7

Electrical parameters

V = 230.0 V I = 0.05582 A P = 7.207 W PF = 0.5614