

Spectrum Test Report

Sample :
Specification : 300W玫瑰暖白磨砂白
Sample No. : 108880045098
Manufacturer : EVERFINE

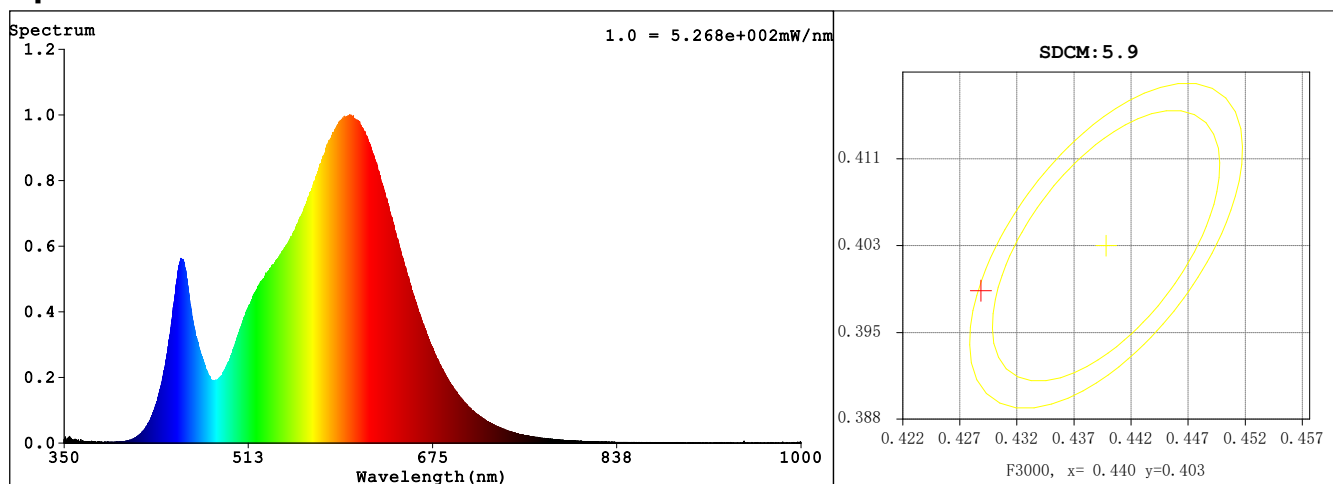
Date : 2024-06-04
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by :
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 50979 (78%)
T : 95 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4290$ $y = 0.3991$ / $u' = 0.2476$ $v' = 0.5182$ ($duv = -8.85e-04$)

CCT= 3096K Prcp WL: $L_d = 582.8\text{nm}$ Purity=48.5%

Peak WL: $L_p = 602\text{nm}$ FWHM: =128.1nm Ratio:R=22.2% G=75.3% B=2.6%

Render Index: $R_a = 81.2$ AvgR = 74.9 TM30:Rf=83 Rg=96

R1 =79 R2 =90 R3 =96 R4 =79 R5 =79 R6 =87 R7 =82

R8 =57 R9 =1 R10=76 R11=77 R12=68 R13=82 R14=98 R15=72

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 25987 lm Eff. : 90.54 lm/W $F_e = 78.301\text{ W}$

Flux of emitted photons($\mu\text{mol/s}$):376.23 Fluo. and blue light ratio:7.167 Fluorescent eff.:221.4

Photons1:4.443e+001 $\mu\text{mol/s}$ (400~500nm) Photons2:1.581e+002 $\mu\text{mol/s}$ (600~700nm)

Electrical parameters

V = 230.0 V I = 1.350 A P = 287.0 W PF = 0.9245

Freq=49.99 Hz

EVERFINE CORPORATION

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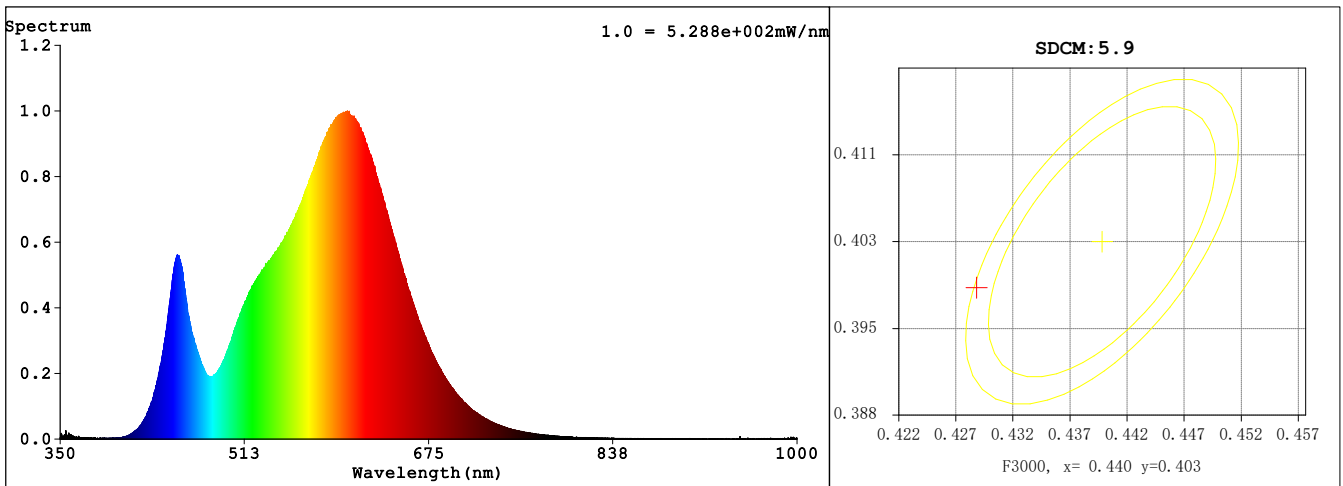
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Test by :
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 51201 (78%)
T : 95 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4290$ $y = 0.3990$ / $u' = 0.2476$ $v' = 0.5182$ ($duv = -9.10e-04$)

CCT= 3096K Prcp WL: $L_d = 582.8\text{nm}$ Purity=48.5%

Peak WL: $L_p = 603\text{nm}$ FWHM: =127.9nm Ratio:R=22.2% G=75.3% B=2.6%

Render Index: $R_a = 81.1$ AvgR = 74.9 TM30:Rf=83 Rg=96

R1 =79 R2 =90 R3 =96 R4 =79 R5 =79 R6 =87 R7 =82

R8 =57 R9 =1 R10=76 R11=77 R12=68 R13=82 R14=98 R15=72

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 26060 lm Eff. : 90.87 lm/W $F_e = 78.572\text{ W}$

Flux of emitted photons($\mu\text{mol/s}$):377.42 Fluo. and blue light ratio:7.220 Fluorescent eff.:222.6

Photons1:4.466e+001 $\mu\text{mol/s}$ (400~500nm) Photons2:1.584e+002 $\mu\text{mol/s}$ (600~700nm)

Electrical parameters

V = 230.0 V I = 1.348 A P = 286.8 W PF = 0.9247

Freq=49.99 Hz

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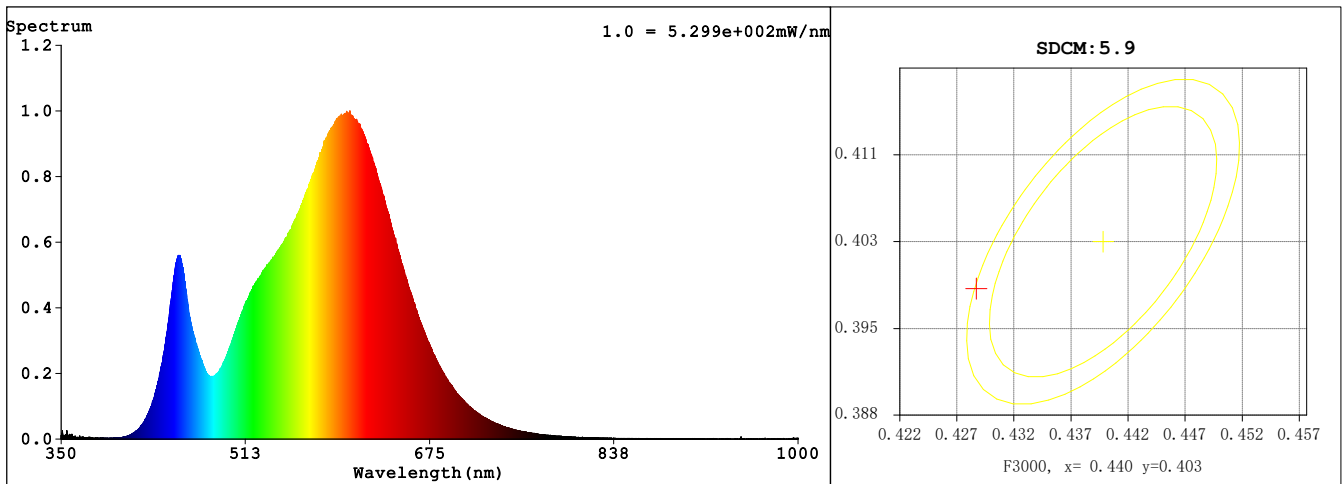
Date : 2024-06-04
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by :
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 51112 (78%)
T : 95 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4289$ $y = 0.3989$ / $u' = 0.2476$ $v' = 0.5181$ ($duv = -9.31e-04$)

CCT= 3098K Prcp WL: $L_d = 582.8\text{nm}$ Purity=48.5%

Peak WL: $L_p = 605\text{nm}$ FWHM: =127.6nm Ratio:R=22.1% G=75.3% B=2.6%

Render Index: $R_a = 81.2$ AvgR = 74.9 TM30:Rf=83 Rg=96

R1 =79 R2 =90 R3 =96 R4 =78 R5 =79 R6 =87 R7 =82

R8 =57 R9 =1 R10=76 R11=77 R12=68 R13=82 R14=98 R15=72

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 26027 lm Eff. : 90.74 lm/W $F_e = 78.496\text{ W}$

Flux of emitted photons($\mu\text{mol/s}$):377.03 Fluo. and blue light ratio:7.193 Fluorescent eff.:222.2

Photons1:4.468e+001 $\mu\text{mol/s}$ (400~500nm) Photons2:1.583e+002 $\mu\text{mol/s}$ (600~700nm)

Electrical parameters

V = 230.0 V I = 1.349 A P = 286.8 W PF = 0.9246

Freq=49.99 Hz

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