

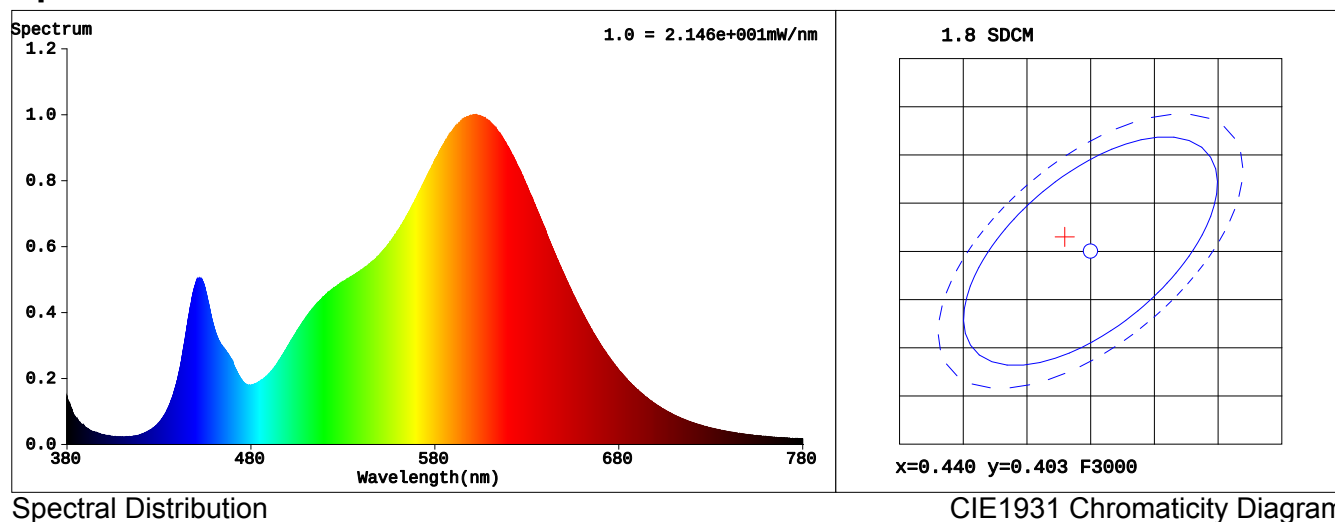
Spectrum Test Report

Sample	:	Date	: 2023-11-29 11:08:50
Specification	: 100正方体可转向单头混动LED感应太阳能灯	Standard	tus
Sample No.	: 1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: XX
Assessor	: LHK		
Remark	: 1.0093		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53643 (82%)
Test Mode	: Accuracy Test	T	: 69 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4380$ $y = 0.4045$ / $u' = 0.2511$ $v' = 0.5217$ ($duv=2.20e-05$) $Dx, Dy: 0.0000, 0.0001$

CCT= 2986K Prcp WL: $L_d=582.9nm$ Purity=52.9%

Peak WL: $L_p=602nm$ FWHM: $=119.5nm$ Ratio: R=22.8% G=74.7% B=2.5%

Render Index: $R_a = 81.0$

R1 =79 R2 =91 R3 =95 R4 =79 R5 =80 R6 =89 R7 =81

R8 =54 R9 =0 R10=79 R11=78 R12=71 R13=82 R14=98 R15=71

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1019.3 lm Eff. : 187.09 lm/W $F_e = 3.0552 W$

Flux of emitted photons($\mu mol/s$):14.731 Fluo. and blue light ratio:7.751 Fluorescent eff.:496.8

Electrical parameters

V = 2.724 V I = 2.000 A P = 5.448 W PF = 1.000 F=0.00 Hz

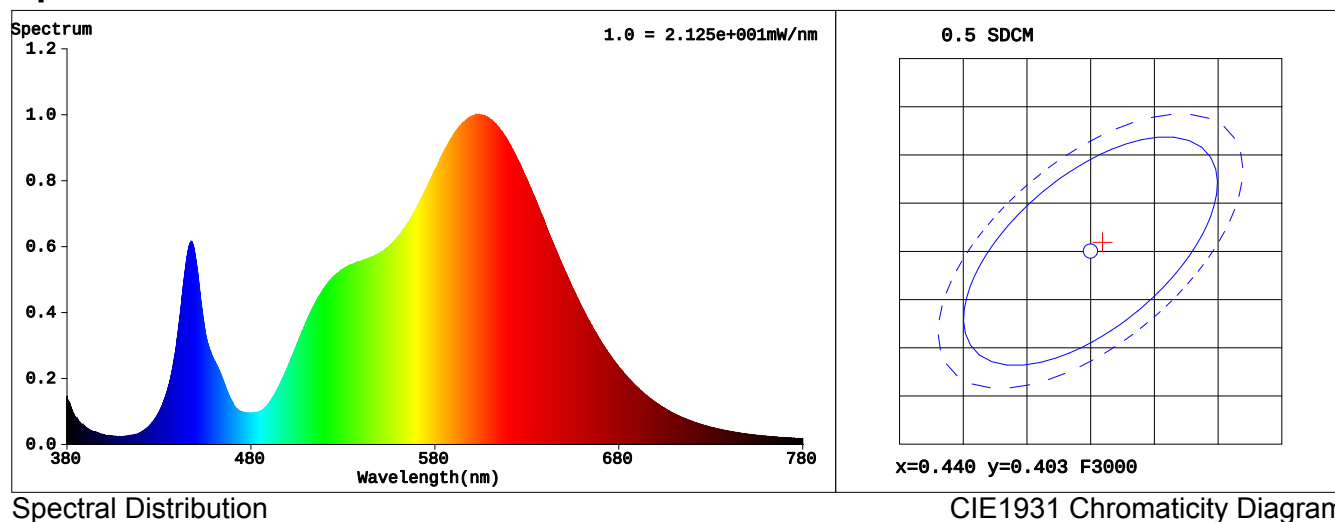
Spectrum Test Report

Sample	:	Date	: 2023-11-29 13:15:58
Specification	: 100正方体可转向单头混动LED感应太阳能灯	Standard	tus
Sample No.	: 2	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: XX
Assessor	: LHK		
Remark	: 1.0093		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53311 (81%)
Test Mode	: Accuracy Test	T	: 69 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4409, y = 0.4039, u' = 0.2532, v' = 0.5219$ ($duv = -5.88 \times 10^{-4}$) $Dx, Dy: -0.0009, -0.0018$

CCT= 2932K Prpc WL: $L_d = 583.3 \text{ nm}$ Purity=53.6%

Peak WL: $L_p = 603 \text{ nm}$ FWHM: $= 129.2 \text{ nm}$ Ratio: R=23.3% G=74.9% B=1.8%

Render Index: $R_a = 81.0$

R1 =80 R2 =88 R3 =95 R4 =81 R5 =79 R6 =85 R7 =82

R8 =57 R9 =0 R10=72 R11=82 R12=65 R13=82 R14=97 R15=72

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1000.9 lm Eff. : 182.85 lm/W $F_e = 3.0033 \text{ W}$

Flux of emitted photons($\mu\text{mol/s}$):14.519 Fluo. and blue light ratio:7.819 Fluorescent eff.:486.5

Electrical parameters

V = 2.737 V I = 2.000 A P = 5.474 W PF = 1.000 F=0.00 Hz

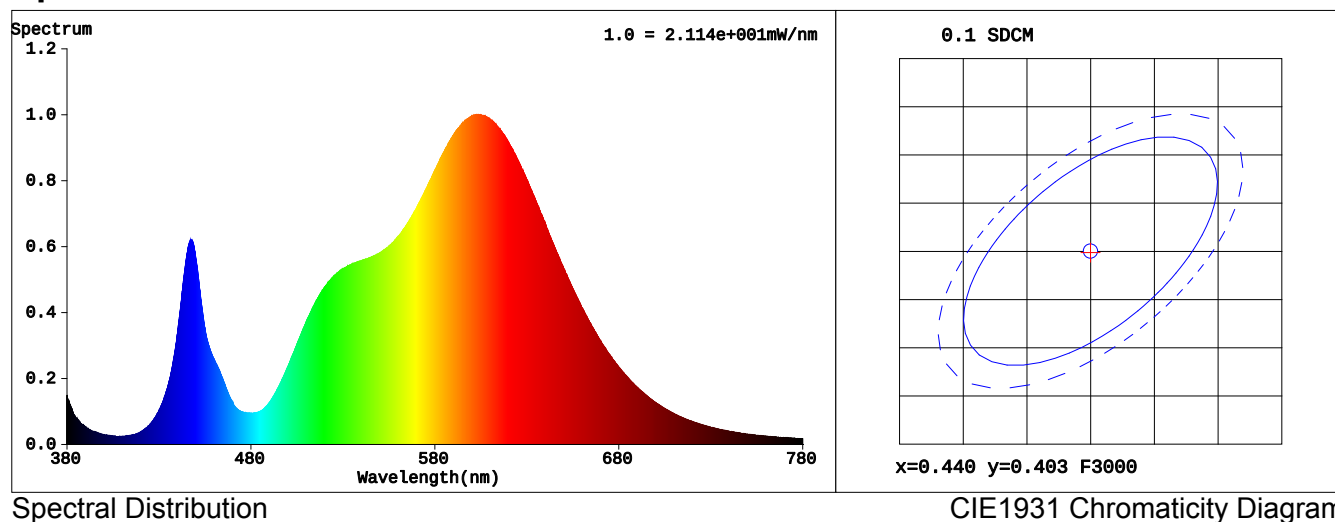
Spectrum Test Report

Sample	:	Date	: 2023-11-29 13:29:24
Specification	:	Standard	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: XX
Assessor	:		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53054 (81%)
Test Mode	: Accuracy Test	T	: 69 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4400$ $y = 0.4029$ / $u' = 0.2531$ $v' = 0.5214$ ($duv = -8.85e-04$) $Dx, Dy: -0.0013, -0.0027$
 CCT= 2939K Prcp WL: $L_d = 583.4nm$ Purity=53.0%
 Peak WL: $L_p = 604nm$ FWHM: $= 129.3nm$ Ratio: R=23.3% G=74.9% B=1.8%

Render Index: $R_a = 81.1$

R1 =80 R2 =88 R3 =95 R4 =81 R5 =80 R6 =85 R7 =82
 R8 =57 R9 =0 R10=72 R11=82 R12=65 R13=82 R14=97 R15=72
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 996.67 lm Eff. : 182.21 lm/W $F_e = 2.9951 W$
 Flux of emitted photons($\mu mol/s$): 14.471 Fluo. and blue light ratio: 7.645 Fluorescent eff.: 484.3

Electrical parameters

V = 2.735 V I = 2.000 A P = 5.470 W PF = 1.000 F=0.00 Hz

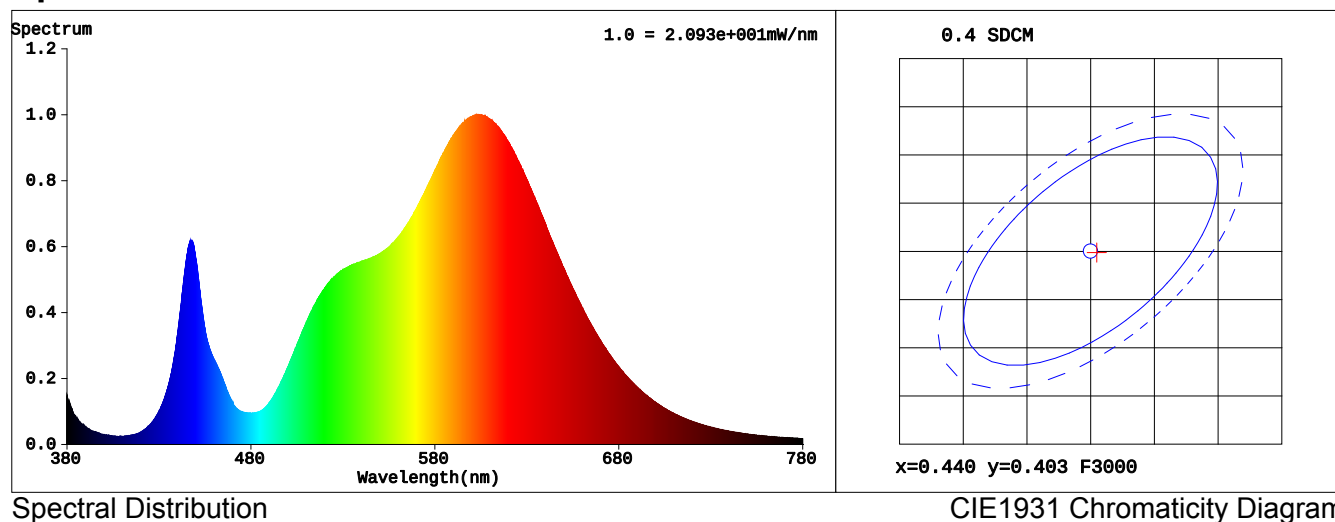
Spectrum Test Report

Sample	:	Date	: 2023-11-29 13:46:54
Specification	:	Standard	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: XX
Assessor	:		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52522 (80%)
Test Mode	: Accuracy Test	T	: 69 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4405$ $y = 0.4029$ / $u' = 0.2534$ $v' = 0.5214$ ($duv = -9.50e-04$) $Dx, Dy: -0.0014, -0.0029$

CCT= 2931K Prcp WL: $L_d = 583.5nm$ Purity=53.1%

Peak WL: $L_p = 604nm$ FWHM: $= 129.0nm$ Ratio: R=23.4% G=74.8% B=1.8%

Render Index: $R_a = 81.0$

R1 =80 R2 =88 R3 =95 R4 =81 R5 =80 R6 =85 R7 =82

R8 =57 R9 =0 R10=72 R11=82 R12=65 R13=82 R14=97 R15=72

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 984.46 lm Eff. : 180.04 lm/W $F_e = 2.9608 W$

Flux of emitted photons($\mu mol/s$):14.31 Fluo. and blue light ratio:7.675 Fluorescent eff.:479.1

Electrical parameters

V = 2.734 V I = 2.000 A P = 5.468 W PF = 1.000 F=0.00 Hz

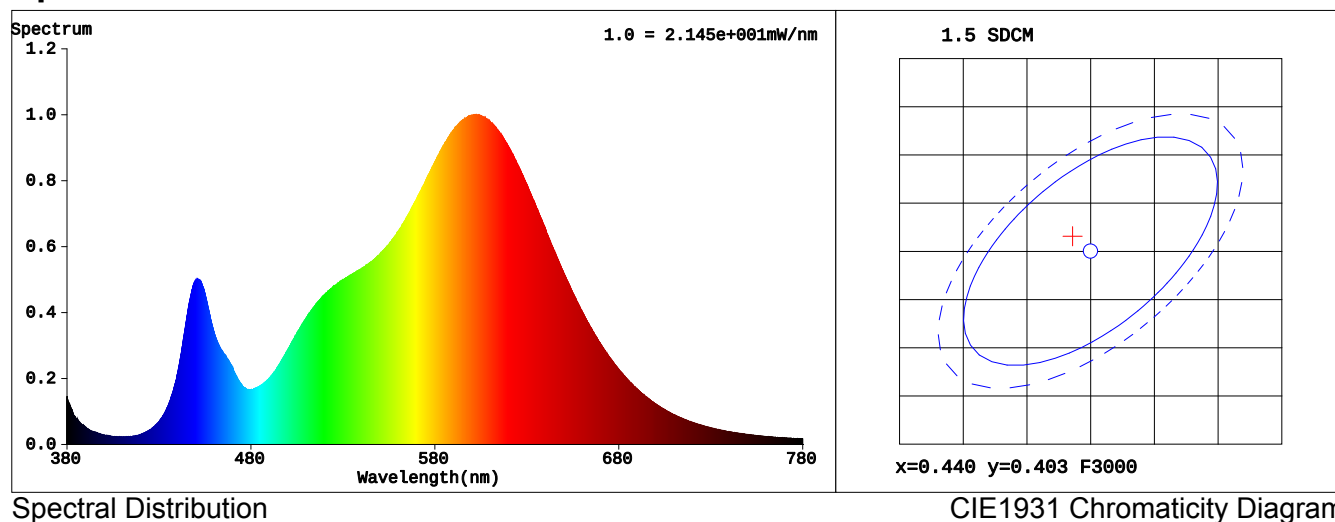
Spectrum Test Report

Sample	:	Date	: 2023-11-29 14:01:42
Specification	:	Standard	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: XX
Assessor	:		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53706 (82%)
Test Mode	: Accuracy Test	T	: 69 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4386$ $y = 0.4045$ / $u' = 0.2514$ $v' = 0.5218$ ($duv = -3.71e-05$) $Dx, Dy: -0.0001, -0.0001$

CCT= 2976K Prpc WL: $L_d = 582.9nm$ Purity=53.1%

Peak WL: $L_p = 602nm$ FWHM: $= 121.4nm$ Ratio: R=22.9% G=74.7% B=2.4%

Render Index: $R_a = 81.1$

R1 =80	R2 =90	R3 =96	R4 =79	R5 =80	R6 =89	R7 =81	
R8 =55	R9 =0	R10=78	R11=79	R12=70	R13=82	R14=99	R15=71

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1018.0 lm Eff. : 186.66 lm/W $F_e = 3.0514 W$

Flux of emitted photons($\mu mol/s$):14.721 Fluo. and blue light ratio:7.784 Fluorescent eff.:495.9

Electrical parameters

V = 2.727 V I = 2.000 A P = 5.454 W PF = 1.000 F=0.00 Hz

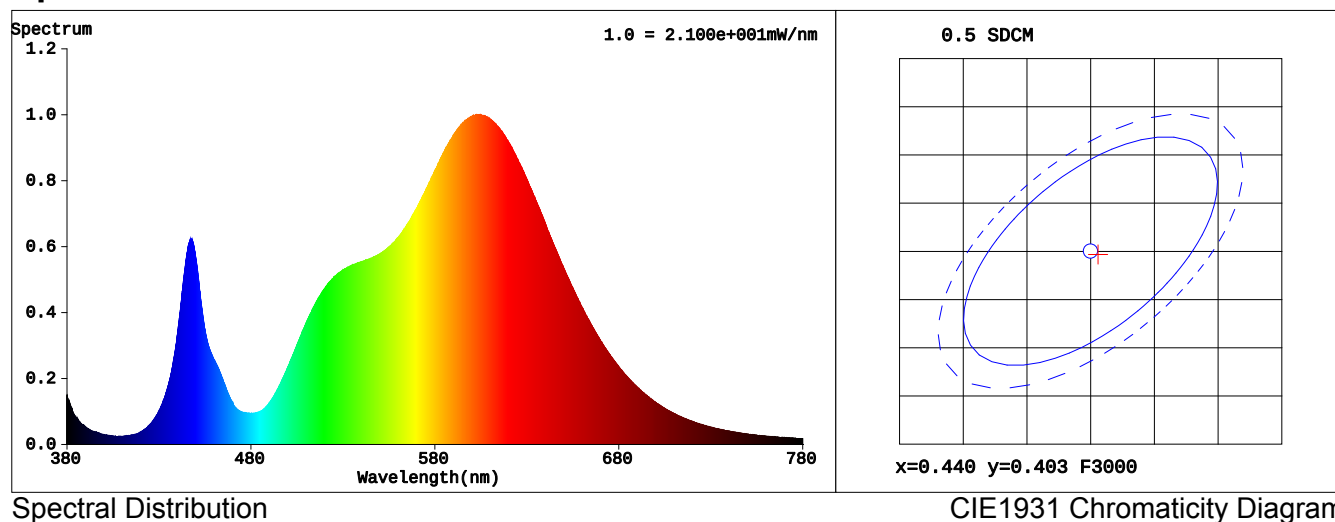
Spectrum Test Report

Sample	:		Date	:	2023-11-29 14:22:08
Specification	:	100正方体可转向单头混动LED感应太阳能灯	Standard	:	tus
Sample No.	:	6	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	XX
Assessor	:	LHK			
Remark	:	1.0093			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52712 (80%)
Test Mode	:	Accuracy Test	T	:	69 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4406$ $y = 0.4027$ / $u' = 0.2535$ $v' = 0.5214$ ($duv = -1.04e-03$) $Dx, Dy: -0.0016, -0.0031$
 CCT= 2928K Prcp WL: $L_d = 583.5nm$ Purity=53.1%
 Peak WL: $L_p = 605nm$ FWHM: $= 128.8nm$ Ratio: R=23.4% G=74.8% B=1.8%

Render Index: $R_a = 81.0$

R1 =80 R2 =88 R3 =95 R4 =81 R5 =80 R6 =85 R7 =82
 R8 =57 R9 =0 R10=72 R11=82 R12=65 R13=82 R14=97 R15=72
 WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 987.09 lm Eff. : 180.45 lm/W $F_e = 2.9698 W$
 Flux of emitted photons($\mu mol/s$):14.354 Fluo. and blue light ratio:7.704 Fluorescent eff.:480.6

Electrical parameters

V = 2.735 V I = 2.000 A P = 5.470 W PF = 1.000 F=0.00 Hz

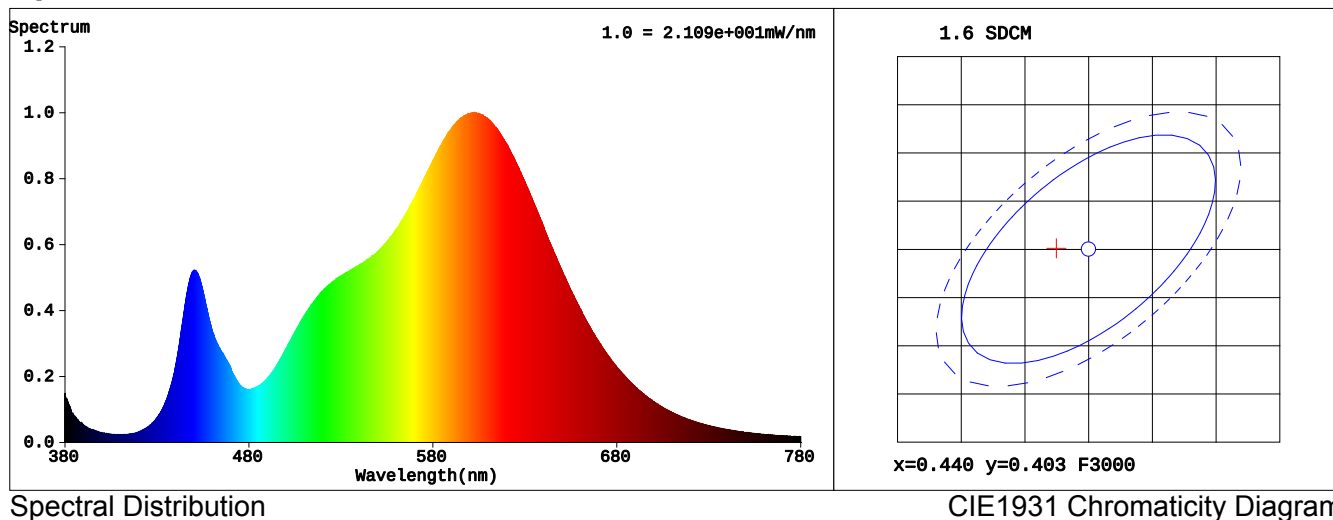
Spectrum Test Report

Sample	:		Date	:	2023-11-29 14:34:27
Specification	:	100正方体可转向单头混动LED感应太阳能灯	Standard	:	
Sample No.	:	7	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	XX
Assessor	:	LHK			
Remark	:	1.0093			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52803 (81%)
Test Mode	:	Accuracy Test	T	:	69 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4375$ $y = 0.4031$ / $u' = 0.2513$ $v' = 0.5211$ ($duv = -4.67e-04$) $Dx, Dy: -0.0007, -0.0014$

CCT= 2983K Prcp WL: $L_d = 583.1nm$ Purity=52.3%

Peak WL: $L_p = 603nm$ FWHM: $= 123.2nm$ Ratio: R=22.9% G=74.7% B=2.4%

Render Index: $R_a = 81.3$

R1 =80 R2 =90 R3 =96 R4 =80 R5 =80 R6 =88 R7 =81

R8 =55 R9 =0 R10=77 R11=80 R12=70 R13=82 R14=99 R15=71

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1001.5 lm Eff. : 183.37 lm/W $F_e = 3.0101 W$

Flux of emitted photons($\mu mol/s$):14.516 Fluo. and blue light ratio:7.645 Fluorescent eff.:487.4

Electrical parameters

V = 2.731 V I = 2.000 A P = 5.462 W PF = 1.000 F=0.00 Hz

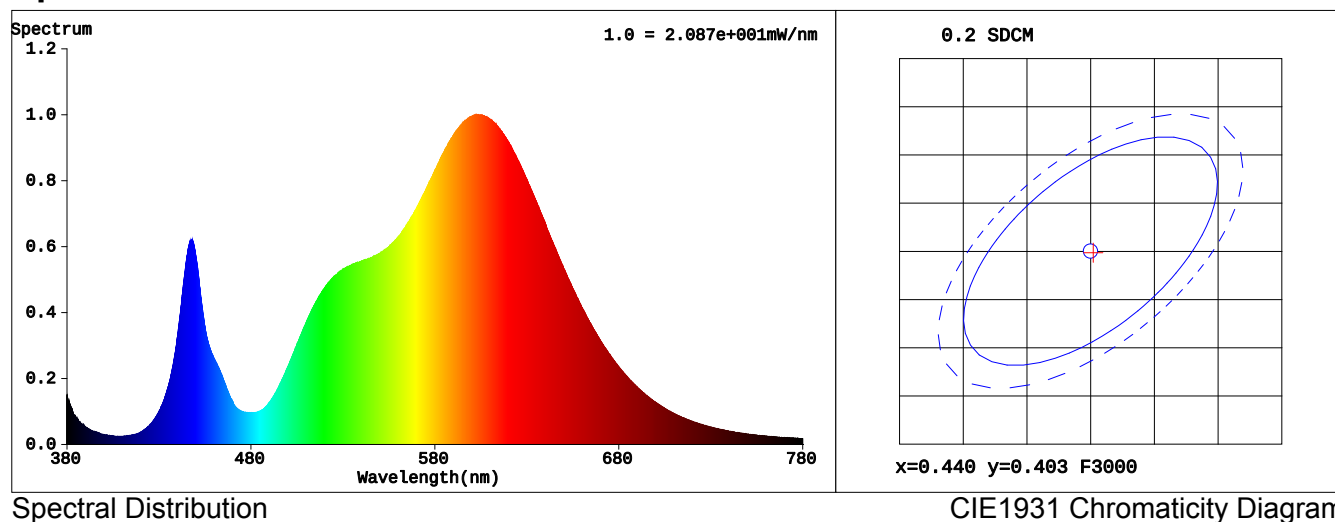
Spectrum Test Report

Sample	:	Date	: 2023-11-29 15:12:58
Specification	: 100正方体可转向单头混动LED感应太阳能灯	Standard	tus
Sample No.	: 8	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: XX
Assessor	: LHK		
Remark	: 1.0093		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52340 (80%)
Test Mode	: Accuracy Test	T	: 69 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4402$ $y = 0.4028$ / $u' = 0.2532$ $v' = 0.5214$ ($duv = -9.20e-04$) $Dx, Dy: -0.0014, -0.0028$

CCT= 2936K Prcp WL: $L_d = 583.4\text{nm}$ Purity=53.0%

Peak WL: $L_p = 602\text{nm}$ FWHM: $= 129.1\text{nm}$ Ratio: $R = 23.3\%$ $G = 74.8\%$ $B = 1.8\%$

Render Index: $R_a = 81.0$

$R_1 = 80$ $R_2 = 88$ $R_3 = 95$ $R_4 = 81$ $R_5 = 80$ $R_6 = 85$ $R_7 = 82$

$R_8 = 57$ $R_9 = 0$ $R_{10} = 72$ $R_{11} = 82$ $R_{12} = 65$ $R_{13} = 82$ $R_{14} = 97$ $R_{15} = 72$

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 982.73 lm Eff. : 179.13 lm/W $F_e = 2.9550\text{ W}$

Flux of emitted photons($\mu\text{mol/s}$):14.28 Fluo. and blue light ratio:7.692 Fluorescent eff.:476.7

Electrical parameters

$V = 2.743\text{ V}$ $I = 2.000\text{ A}$ $P = 5.486\text{ W}$ PF = 1.000 F=0.00 Hz

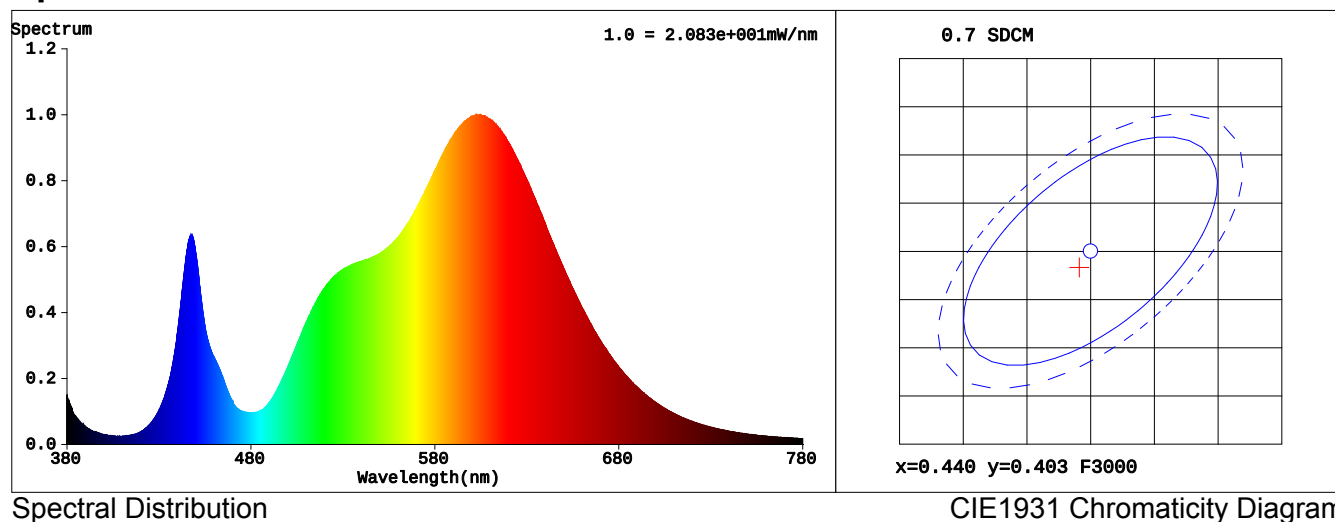
Spectrum Test Report

Sample	:		Date	:	2023-11-29 16:01:45
Specification	:	100正方体可转向单头混动LED感应太阳能灯	Standard	:	tus
Sample No.	:	9	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	XX
Assessor	:	LHK			
Remark	:	1.0093			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52279 (80%)
Test Mode	:	Accuracy Test	T	:	69 ms
Sensitivity	:	High			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4391$ $y = 0.4013$ / $u' = 0.2532$ $v' = 0.5206$ ($duv = -1.39e-03$) $Dx, Dy: -0.0021, -0.0042$

CCT= 2941K Prcp WL: $L_d = 583.6nm$ Purity=52.3%

Peak WL: $L_p = 605nm$ FWHM: $= 129.0nm$ Ratio: R=23.3% G=74.8% B=1.8%

Render Index: $R_a = 81.1$

R1 =80 R2 =88 R3 =95 R4 =81 R5 =80 R6 =86 R7 =82

R8 =57 R9 =0 R10=72 R11=82 R12=66 R13=82 R14=97 R15=72

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 980.23 lm Eff. : 179.27 lm/W $F_e = 2.9549 W$

Flux of emitted photons($\mu mol/s$):14.272 Fluo. and blue light ratio:7.515 Fluorescent eff.:477.0

Electrical parameters

V = 2.734 V I = 2.000 A P = 5.468 W PF = 1.000 F=0.00 Hz

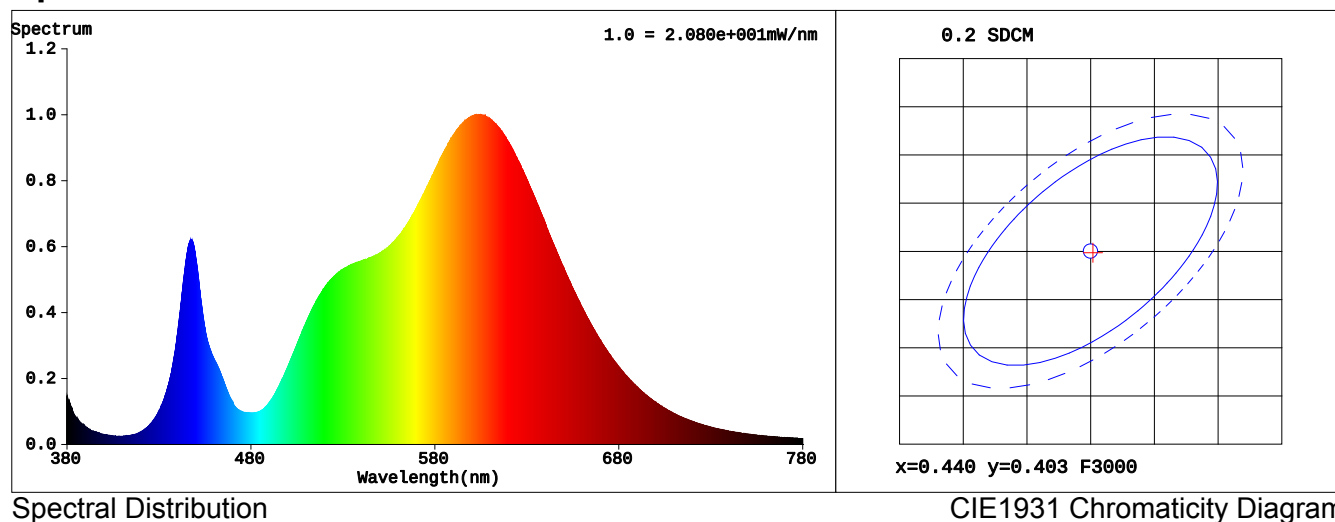
Spectrum Test Report

Sample	:	Date	: 2023-11-29 16:39:50
Specification	: 100正方体可转向单头混动LED感应太阳能灯	Standard	tus
Sample No.	: 10	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: XX
Assessor	: LHK		
Remark	: 1.0093		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52221 (80%)
Test Mode	: Accuracy Test	T	: 69 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4402$ $y = 0.4028$ / $u' = 0.2532$ $v' = 0.5214$ ($duv = -9.20e-04$) $Dx, Dy: -0.0014, -0.0028$

CCT= 2936K Prpc WL: $L_d = 583.4\text{nm}$ Purity=53.0%

Peak WL: $L_p = 605\text{nm}$ FWHM: $= 129.1\text{nm}$ Ratio: R=23.3% G=74.9% B=1.8%

Render Index: $R_a = 81.0$

R1 =80 R2 =88 R3 =95 R4 =81 R5 =80 R6 =85 R7 =82

R8 =57 R9 =0 R10=72 R11=82 R12=65 R13=82 R14=97 R15=72

WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 980.02 lm Eff. : 179.10 lm/W $F_e = 2.9471\text{ W}$

Flux of emitted photons($\mu\text{mol/s}$):14.242 Fluo. and blue light ratio:7.616 Fluorescent eff.:476.1

Electrical parameters

V = 2.736 V I = 2.000 A P = 5.472 W PF = 1.000 F=0.00 Hz